The CHEMIST

JANUARY, 1938 VOLUME XV, NO. 1

AMERICAN INSTITUTE OF CHEMISTS

• • •

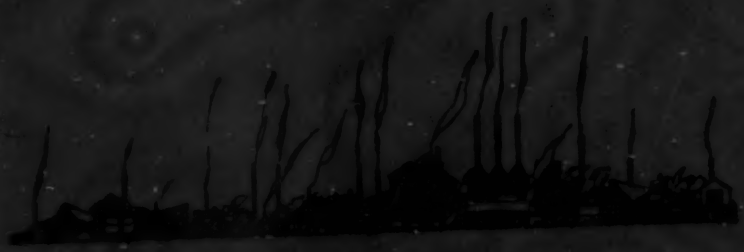
CONSTITUTION

BY-LAWS

CODE OF ETHICS

ROSTER

• • •



Vo

Of

Ch

Th

Stu

Co

By

Co

Re

Ge

Cl

The CHEMIST

Publication of

THE AMERICAN INSTITUTE OF CHEMISTS, INC.

V. F. KIMBALL, *Editor*, 233 Broadway, New York City

VOLUME XV JANUARY, 1938 NUMBER 1

TABLE OF CONTENTS

Officers 2

Chapters 3

The Medal of The American Institute of Chemists 4

Student Medals 5

Constitution 7

By-laws 12

Code of Ethics 19

Roster of Membership 23

Geographical Distribution 80

Chemist Advisory Council 98

THE AMERICAN INSTITUTE OF CHEMISTS
HOWARD S. NEIMAN, *Secretary*
233 Broadway
New York, N. Y.

Entered as second class matter April 8, 1936, at the Post Office at New York, N. Y., under Act of August 24, 1912.
Issued monthly except in June, July and August at 233 Broadway, New York, N. Y.
Subscription price, $2.00 a year. Single copy, this issue $1.00.
Copyright, 1937, by The American Institute of Chemists, Inc.

602553

THE AMERICAN INSTITUTE OF CHEMISTS

FOUNDED JANUARY 22, 1923
INCORPORATED MAY 5, 1926

OFFICERS 1936-1938

President
Maximilian Toch

Vice-president
Robert J. Moore

Treasurer
Burke H. Knight

Secretary
Howard S. Neiman
233 Broadway
New York, N. Y.

COUNCILORS AT LARGE

Term Expires 1938
Hans T. Clarke William T. Read
Norman A. Shepard

Term Expires 1939
Frank G. Breyer Neil E. Gordon
Allen Rogers

Term Expires 1940
Ross A. Baker Gerald Wendt
Lloyd Van Doren

PAST PRESIDENTS

Horace G. Byers (1923-1924)
M. L. Crossley (1924-1926)
Treat B. Johnson (1926-1928)
Frederick E. Breithut (1928-1932)
Henry G. Knight (1932-1934)
M. L. Crossley (1934-1936)

CHAPTER REPRESENTATIVES

Fred'k W. Zerban, *New York;* Joseph W. E. Harrisson, *Pennsylvania*
Arthur W. Burwell, *Niagara;* Louis N. Markwood, *Washington*

CHAPTERS

New York

Chairman, William T. Read

Vice-chairman, D. D. Berolzheimer

Secretary-treasurer, James W. H. Randall
52 East 41st Street
New York, N. Y.

Council Representative, Frederick W. Zerban

Niagara

Chairman, Howard W. Post *Vice-chairman,* William R. Sheridan

Secretary-treasurer, Luther M. Lauer
98 North Buffalo Street
Orchard Park, N. Y.

News Reporter to THE CHEMIST, W. A. Smith

Council Representative, Arthur W. Burwell

Pennsylvania

Chairman, Gilbert E. Seil *Vice-chairman,* Walter L. Obold

Secretary-treasurer, Maurice L. Moore
Sharpe and Dohme, Inc.
P. O. Box 1404
Philadelphia, Penna.

Council Representative, Joseph W. E. Harrisson

Washington

Honorary President, Charles E. Munroe

President, Louis N. Markwood *Vice-president,* Norris W. Matthews

Treasurer, James B. Martin

Secretary, A. P. Bradshaw
2121 New York Avenue
Washington, D. C.

News Reporter to THE CHEMIST, James F. Couch

Council Representative, Louis N. Markwood

CHEMISTRY HALL LIBRARY

Medal of
The American Institute of Chemists

"For noteworthy and outstanding service to the science of chemistry or the profession of chemist in America."

Awarded for 1937 to

JAMES F. NORRIS

Past Medalists

1926 William Blum
1927 Lafayette B. Mendel
1929 Mr. and Mrs. Francis Patrick Garvan
1930 George Eastman
1931 Andrew W. and Richard B. Mellon
1932 Charles H. Herty
1933 Henry C. Sherman
1934 James Bryant Conant
1936 Marston Taylor Bogert

Student Medals of The American Institute of Chemists

"In recognition of leadership, excellence in scholarship, and character."

CHAPTER AWARDS—1935

New York Chapter

Edward Adler, College of the City of New York
John Boustead, Stevens Institute of Technology
Hannah Elizabeth Chelius, College of Saint Elizabeth
Sol Kipness, Brooklyn College
John W. Plauka, Rutgers University

Niagara Chapter

John E. Seubert, University of Buffalo

Washington Chapter

Harry L. Clark, Jr., George Washington University
Hillman C. Harris, University of Maryland
Louis Robert Heiss, American University
Francis Patrick McGrath, Georgetown University

CHAPTER AWARDS—1936

New York Chapter

Clarence J. Arrowsmith, Polytechnic Institute of Brooklyn
Chester J. Cavallito, Rutgers University
Julian Dorsky, Brooklyn College
David Gurinsky, New York University
Wilbur V. Keegan, Fordham University
Regina Kelly, College of Saint Elizabeth
Alexander Lesuk, College of the City of New York
Frederick L. Matthews, Jr., Columbia University

Niagara Chapter

Arthur F. Flueckinger, University of Buffalo
Arthur F. Helin, Niagara University

Washington Chapter

Jeanne Beadle Burbank, The American University
Bernard J. Entner, Georgetown University
Joseph A. Grand, Catholic University of America
Leila S. Green, Howard University
William A. Heine, George Washington University
Leonard Smith, University of Maryland

CHAPTER AWARDS—1937

New York Chapter

Jack Diamond, Brooklyn College
Abraham Samuel Goldin, Columbia University
Al Gordon, Polytechnic Institute of Brooklyn
Leon Greenstein, College of the City of New York
Walter J. Moore, New York University
Robert F. Uncles, Rutgers University

Niagara Chapter

Joseph H. Lynch, Niagara University
Louis A. Rampino, Canisius College
John M. Swartout, University of Buffalo

Washington Chapter

Francis M. Bower, University of Maryland
John Casper, Johns Hopkins University
Richard W. Hummer, American University
Joseph T. Ligoure, Howard University
Charles E. McGinn, Jr., University of Virginia
Ernest J. Umberger, George Washington University

Constitution and By-Laws

of

The American Institute of Chemists, Inc.

CONSTITUTION

This Constitution consists of the following Articles:

Article I—Name and Objectives
Article II—Membership
Article III—Officers and Manner of Election
Article IV—Directors
Article V—Committees
Article VI—Chapters
Article VII—Amendments
Article VIII—By-Laws

ARTICLE I
Name and Objectives

SECTION 1. The name of this organization shall be The American Institute of Chemists.

SEC. 2. Its objectives shall be to advance the profession of chemistry in the United States of America.

To this end it will:

(1) Provide and enforce a code of principles of professional conduct which merits public esteem and justifies confidence in the integrity of the chemist;

(2) Establish and maintain a standard of proficiency of such excellence as to insure competent and efficient service;

(3) Secure an adequate basic training for the profession, and admit to fellowship in the Institute only those of proved education, experience, competency, and character;

(4) Strive to enhance the prestige and distinction of the profession so as to extend its influence and usefulness;

(5) Establish and maintain a register of its membership in which there will be a complete record of the training, experience, and fitness for service of each individual member;

(6) Seek to improve the economic status of the profession by coöperating with employers to secure a satisfactory appreciation and evaluation of the services of the chemist;

(7) Provide a means for the appropriate recognition of distinguished service to the profession;

(8) Coöperate with all the agencies serving chemistry to make the profession of chemistry a powerful factor in the advancement of intellectual and material progress in the United States of America, to the end that this nation shall assume its rightful place as a leader among the nations of the world in scientific thought and accomplishment;

(9) Lend support to the work of the chemical societies in the education of the public to a better appreciation of the contribution of the chemist to world progress; and

(10) Render such other services to the profession as developments shall warrant and The American Institute of Chemists shall approve.

ARTICLE II
Membership

SECTION 1. The membership of the Institute shall consist of (1) Honorary Members; (2) Life Members; (3) Fellows; (4) Associates; (5) Juniors; (6) Student Members.

SEC. 2. All members of The American Institute of Chemists shall be citizens of the United States of America.

SEC. 3. Student Members shall consist of those who have attained the fourth year in chemistry or chemical engineering in an educational institution of recognized standing.

SEC. 4. Juniors shall consist of those who have received the bachelor's degree, or its equivalent, on completion of four years in chemistry or chemical engineering in an educational institution of recognized standing.

SEC. 5. Associates shall consist of those who have had a minimum of six years of collegiate and post-graduate work in chemistry or chemical engineering, at least two years of which training must be of an advanced nature, or those who can demonstrate to the satisfaction of the Council that they have the equivalent of this educational training as provided in Section 8.

SEC. 6. Fellows shall consist of those who have the qualifications of Associates and an additional five years of experience and responsibility in the practice of the profession. Those who received their academic training prior to 1926 may substitute two years of professional experience for the two years of graduate study.

SEC. 7. Applications for membership shall be made in writing on

the form approved by the Council. These applications shall be submitted to the Council. Approval by the Council, after due investigation shall have been made, shall constitute election of the applicant, and his name shall be placed upon the roll by the Secretary.

SEC. 8. The Council is empowered to consider and accept qualifications other than those above set forth and to provide such means of ascertaining the qualifications of prospective members as it may deem desirable, or as the Institute shall direct.

SEC. 9. Voting power in the Institute shall be vested exclusively in the Fellows. Associates, Juniors, and Student Members may attend all meetings and may have the privilege of the floor. Associates, Juniors, and Student Members shall receive all publications and notices of the Institute.

SEC. 10. The name of any member may be dropped from the roll for failure to pay his dues within a year from date due, or for cause by a two-thirds vote of the Council, after due notification and an opportunity to be heard has been given him.

ARTICLE III
Officers and Manner of Election

SECTION 1. The officers of the Institute shall be:

a A President, a Vice-president, a Treasurer, and a Secretary.

b A Council composed of the President, Vice-president, Treasurer, and Secretary of the Institute, nine Councilors-at-large, and a representative from each chapter.

c A Board of Directors, composed of the President, Vice-president, Treasurer, and Secretary of the Institute, *ex-officio*, and the nine Councilors-at-large, elected in the manner prescribed in Section 2 of this Article.

The foregoing officers and three Directors or Councilors-at-large shall be elected at the Annual Meeting and shall hold office until their successors have been elected and installed. The chapter representative shall be elected annually by each chapter.

SEC. 2-a. The term of office of the officers shall be two years; that of the nine Directors or Councilors-at-large shall be three years. Vacancies among the Councilors-at-large or among the officers shall be filled by the Council, the Councilor-at-large, or officer so appointed to serve until the next Annual Meeting.

SEC. 2-b. The officers, excepting the Secretary, and the nine Directors or Councilors-at-large shall not be eligible to serve more than two successive terms in the same office or capacity.

SEC. 3. The Council shall elect an Executive Secretary who shall also act as an executive officer under the direction of the Council, and who may be the Secretary.

SEC. 4. The Council shall also be empowered to elect or appoint such other agents or employees as may be necessary for the proper conduct of the affairs of the Institute.

SEC. 5. The two immediately preceding past presidents of the Institute shall be *ex-officio* members of the Council.

ARTICLE IV

Directors

SECTION 1. The Directors shall be the legal representatives of the Institute, shall have charge of the property and financial affairs of the Institute and shall perform such duties as are prescribed by law governing directors of corporations. Their meetings shall be held at the call of the President of the Institute, or any three Directors.

ARTICLE V

Committees

SECTION 1. The following regular standing committees shall be elected by the Council:

Professional Education
Ethics
Qualifications

Other committees may be established by the Council or may be authorized by the Institute.

SEC. 2. There shall be a Jury of Medal Award consisting of the President, the three immediately preceding Past Presidents, and the Secretary.

SEC. 3. There shall be a Committee on Nominations consisting of the President and Secretary of the Institute and the Chairmen of all of the Local Chapters.

SEC. 4. The President shall be *ex-officio* a member of all committees.

ARTICLE VI

Chapters

SECTION 1. Local chapters may be established by the Council on written request of ten Fellows residing in the territory in which the local chapter is desired. Each chapter shall elect its own officers

and provide such rules for its government as are not inconsistent with the Constitution and By-laws of the Institute and the general constitution for local chapters approved by the Council. The local chapters shall receive for local use such portion of their annual dues as may be authorized by the Council or directed by the Institute. Any local chapter may be dissolved by the Council when such action shall be deemed to be for the benefit of the Institute.

SEC. 2. Student chapters may be established by the Council as provided in the By-laws.

ARTICLE VII

Amendments

SECTION 1. The Secretary shall submit to the Fellows any proposal to amend the Constitution of the Institute which shall be proposed by ten or more Fellows of the Institute in good standing, or by the Council.

SEC. 2. All such proposals to amend must be submitted in writing to the Secretary of the Institute at least sixty days before the Annual Meeting at which the proposal is to be presented for action.

SEC. 3. A copy of every proposal to amend shall be mailed to every Fellow of the Institute at least thirty days before the Annual Meeting at which it is to be presented for action.

SEC. 4. Every proposal to amend, duly made in the above manner, shall be laid before the Annual Meeting for discussion and vote. If the proposed amendment is approved by a two-thirds vote of the Fellows present, such proposed amendment shall be submitted to mail vote of the Fellows of the Institute for ratification.

SEC. 5. The ratification ballots shall be valid only if received by the Secretary within thirty days from the date of mailing, and approval by two-thirds of the valid votes shall constitute ratification.

ARTICLE VIII

By-laws

SECTION 1. The Council is empowered to adopt such By-laws for the proper government of the affairs of the Institute as do not conflict with this Constitution.

SEC. 2. A By-law must be approved by a majority of those present at two successive Council meetings to become effective. Notice of proposed changes of the By-laws must be incorporated in the call for the second of such Council meetings.

BY-LAWS

These By-laws include the following articles:

Article I—Duties of Officers
Article II—Council
Article III—Audit
Article IV—Committees
Article V—The Medal of The American Institute of Chemists
Article V-2—Student Medals of The American Institute of Chemists
Article VI—Meetings of the Institute
Article VII—Meetings of the Council and Directors
Article VIII—Quorum
Article IX—Nomination and Election of Officers and Councilors
Article X—Dues
Article XI—Use of Title of Fellow and Associate
Article XII—Forfeiture of Membership and Reinstatement
Article XIII—Order of Business
Article XIV—THE CHEMIST

ARTICLE I
Duties of Officers

SECTION 1. It shall be the duty of the President to preside at all meetings of the Council and of the Institute. He shall call meetings of the Institute, of the Directors, or of the Council, when he deems it necessary, or on written request of at least three Directors for a meeting of the Directors, or at least five members of the Council for a meeting of the Council, or of twenty-five Fellows of the Institute for a meeting of the Institute.

SEC. 2. In the absence of the President, the Vice-president or other member of the Council designated by the Council shall preside.

SEC. 3. The duties of the Treasurer and of the Secretary shall be those usually appertaining to such offices. The Secretary, in addition to performing the usual duties of that office, shall discharge such other duties as may be imposed upon him by the Council.

SEC. 4. The duties of the directors are those set forth in Article IV of the Constitution.

ARTICLE II
Council

SECTION 1. It shall be the duty of the Council to act as an advisory board in every matter pertaining to the policy of the Institute, to keep a record of its proceedings and report to the Institute at each Annual

Meeting. The Council shall exercise all functions requisite for the purposes of the Institute.

SEC. 2. The Council shall adopt an annual budget showing the money appropriated for the purposes of the Institute and estimating the revenue for the ensuing year. The budget shall be submitted to the Directors for approval, and upon approval by them shall be considered the budget for the ensuing year. No debts shall be contracted or money expended without the prior approval of the directors. No payments shall be made by the Treasurer without authority of the Council.

SEC. 3. The Chapter representative to the National Council shall present to and advocate before said Council all matters submitted to him by the Chapter for such presentation. He shall make a full report of such National Council actions as are of interest to the Chapter at each business meeting of the Chapter.

SEC. 4. Any member of the National Council who shall be absent from his duties for three successive meetings without satisfactory excuse in writing shall be declared by the Council to have vacated his office at its next subsequent regular meeting and the Council shall immediately appoint another member of the Institute to fill the office thus vacated until the next annual meeting.

ARTICLE III
Audit

The accounts of the Institute shall be audited by two auditors appointed by the President, who shall report at each Annual Meeting. The books and accounts shall be submitted by the Treasurer for audit at least three days preceding the date of the Annual Meeting.

ARTICLE IV
Committees

SECTION 1. The Committee on Professional Education shall study and formulate an approved curriculum for the study of chemistry and chemical engineering and strive to secure conformity to such curriculum.

SEC. 2. It shall be the duty of the Committee on Ethics to consider such changes as may be desirable in the code of ethics, to investigate all infractions of such code and to present a full statement of findings in instances of infraction to the National Council.

SEC. 3. It shall be the duty of the Qualifications Committee to consider the qualifications of applicants for membership in the Institute.

SEC. 4. It shall be the duty of the Committee on Nominations to notify the Secretary of the Institute, at least ninety days before each

annual meeting, of such Fellows as in its opinion are qualified for each office and councilorship to be filled at the next annual meeting. The Secretary of the Institute shall accompany each nomination blank with a list of such proposed names, with notice that they have been suggested by the Committee on Nominations.

SEC. 5. The duties of all other committees shall be those indicated by the title or by the resolutions under which such committee was constituted.

ARTICLE V

The Medal of The American Institute of Chemists

SECTION 1. A gold medal may be presented by The American Institute of Chemists under the conditions hereinafter set out. This medal shall be known as the medal of The American Institute of Chemists. The date of the founding of the medal shall be 1925, and the founding shall be for the purpose of stimulating activities of service to the science of chemistry or the profession of chemist.

SEC. 2. The Jury of Medal Award of The American Institute of Chemists shall have five members, each of whom, at the time of the award, shall be a member of The American Institute of Chemists. The Jury shall consist of the active President of The American Institute of Chemists, the three immediately preceding eligible Past Presidents of The American Institute of Chemists, and the Secretary of The American Institute of Chemists. Each member shall have but one vote. The senior Past President member of the Jury shall be the Chairman thereof, and the Secretary of The American Institute of Chemists shall be the Secretary of the Jury. Three members shall constitute a quorum. The vote shall be cast by ballot. No votes shall be cast by proxy, but the votes may be taken by mail.

SEC. 3. The award shall be made by a majority vote of the Jury of Medal Award. The award shall be made for noteworthy and outstanding service to the science of chemistry or the profession of chemist in America.

SEC. 4. The Jury of Medal Award shall meet upon call of the chairman.

SEC. 5. The Jury of Medal Award of The American Institute of Chemists shall have power to decide any question or questions not specifically covered by these rules.

ARTICLE V-2

Student Medals of The American Institute of Chemists

SECTION 1. Medals of bronze or other suitable metal may be

presented by The American Institute of Chemists under the conditions set forth hereafter. These medals shall be known as Student Medals of The American Institute of Chemists and be given in recognition of leadership, excellence in scholarship, and character, for the purpose of stimulating interest in the science of chemistry and the profession of chemist.

SEC. 2. These awards shall be made by the Council of The American Institute of Chemists, upon the recommendation of the respective Chapters.

SEC. 3. The award shall be to a senior who is majoring in chemistry at an educational institution of recognized standing.

SEC. 4. The Council shall determine the number of such awards to be made in each year, and not more than one award shall be conferred in an educational institution in a given year.

SEC. 5. The recipient of the award in each educational institution shall be recommended from the graduating class thereof by the chemistry faculty, in collaboration with the respective Chapter, or in the event that a Chapter is not closely located then in collaboration with the Council of The American Institute of Chemists. They shall be guided in their selection equally by scholarship, and by the personal qualities of integrity and leadership.

SEC. 6. The award shall be made preferably at the graduating exercises of the class of the recipient and by a Fellow of the Institute. However, the Council may, in its discretion, arrange the presentation in some other appropriate manner.

SEC. 7. The award of the Student Medal shall carry with it Junior membership in the Institute for one year.

SEC. 8. The cost of the medals shall be borne by the Chapter making the recommendations.

ARTICLE VI

Meetings of the Institute

SECTION 1. There shall be a regular Annual Meeting of the Institute at such time and place as shall be determined by the Council or by vote of the Institute. The fiscal year of the Institute shall end with the thirtieth day of April of each year.

SEC. 2. Notice of each Annual Meeting of the Institute shall be sent to each member at his last known address at least thirty days before each meeting.

SEC. 3. Other meetings of the Institute may be held as provided by the Council, to promote the purposes of the Institute.

SEC. 4. Chapter meetings may be held as may be provided by their own regulations.

SEC. 5. Meetings may be held by Student Members as authorized by the nearest Chapter of the Institute.

ARTICLE VII
Meetings of the Council and Directors

SECTION 1. Regular meetings of the Council shall be held as the members may determine.

SEC. 2. Notice of meeting of the Council shall be sent to each member at his last known address. Such notice shall contain a concise statement of the business to be transacted.

SEC. 3. Special meetings of the Council may be called as provided in Article 1, Section 1, of these By-laws.

SEC. 4. In lieu of a special meeting of the Council, the President may submit any question to the Council for vote by correspondence, and any action approved in writing by not less than two-thirds of the whole membership shall be declared by the President an act of the Council, and shall be recorded in the minutes of the Council.

SEC. 5. Meetings of the Board of Directors shall be held as provided in Article IV of the Constitution. For all meetings of the Board of Directors, notice shall be given by the Secretary to the members of said board at least one week prior to the date of said meetings and the notice of said meeting or meetings shall contain a statement of the business to be transacted.

ARTICLE VIII
Quorum

SECTION 1. Twenty-five Fellows of the Institute shall constitute a quorum for the transaction of any business duly presented at any meeting of the Institute.

SEC. 2. Five members of the Council shall constitute a quorum of the Council.

SEC. 3. Seven Directors shall constitute a quorum for all meetings of the Board of Directors.

ARTICLE IX
Nomination and Election of Officers and Councilors

SECTION 1. Nomination blanks shall be sent by the Secretary to all Fellows at least sixty days preceding each Annual Meeting. These blanks shall indicate the positions to be filled, and must be returned within fourteen days thereafter. The returned blanks shall be canvassed

by two tellers appointed for that purpose by the President, who shall certify the list of nominees to the Secretary.

SEC. 2. For the election of officers, the Secretary shall prepare and send to each Fellow, at least thirty days before the Annual Meeting, a ballot containing a list of three nominees for each position to be filled, arranged in the order of the number of nominating votes. For the election of Directors or Councilors-at-large the ballot shall contain the names of nominees, in twice the number to be elected, for each group to be filled, arranged in order of the number of nominating votes. Ballots must be returned within twenty days thereafter.

The ballot shall be counted by two tellers appointed for that purpose by the President, and the results shall be certified to the Council. The person receiving the highest number of votes for each position shall be declared elected. In case of a tie vote the decision shall be made by ballot at the Annual Meeting.

ARTICLE X

Dues

SECTION 1. The following shall be the annual dues: Fellows, $5.00; Associates, $3.00; Juniors, $2.00; Student Members, $2.00.

The fee for Life Members shall be $100.00, said fee to be set aside and distributed to the common fund of the Institute according to the decision of the Council.

SEC. 2. All dues must be paid on or before May first of each year, or at the date of election to membership.

SEC. 3. No member shall be entitled to vote at any meeting when his dues shall be sixty days in arrears.

SEC. 4. Life Members and Fellows, when elected, shall be entitled to a certificate setting forth that he or she is a Life Member or Fellow of the Institute, but no certificate shall be issued in advance of the receipt of dues for the current year. Certificates of membership must be returned to the Council upon termination of membership for any cause except death.

ARTICLE XI

Use of Title of Fellow and Associate

SECTION 1. Life Members and Fellows of the Institute shall be entitled to describe themselves as Fellows of The American Institute of Chemists (F.A.I.C.) and Associates as Associates of The American Institute of Chemists (A.A.I.C.).

ARTICLE XII
Forfeiture of Membership and Reinstatement

SECTION 1. A person whose membership shall have been forfeited for non-payment of dues or other sum due by him to the Institute may be reinstated on such terms and conditions as the Council may impose.

SEC. 2. A Life Member or Fellow or an Associate renders himself or herself liable to expulsion by the Council sitting as trial board if he or she transgresses any of the rules and regulations of the Institute.

ARTICLE XIII
Order of Business

SECTION 1. At all regular meetings of the Council and of the Institute the order of business shall be as follows:

a. Approval of minutes of previous meeting
b. Report of Secretary
c. Report of Treasurer
d. Report of committees
e. Unfinished business
f. Special business
g. New business

SEC. 2. The rules of parliamentary procedure contained in Robert's Rules of Order shall govern all meetings of the Council and Institute.

ARTICLE XIV
THE CHEMIST

The official publication of the Institute shall be called THE CHEMIST. The Editor shall be appointed by the Council.

THE CHEMIST shall be issued monthly.

The subscription fee to THE CHEMIST shall be two dollars ($2.00) a year from Members and other subscribers.

Code of Ethics

The American Institute of Chemists

THE profession of chemistry has become an increasingly important factor in the progress of civilization, and in the welfare of the community. Chemists are entitled to the position and authority which will enable them to discharge their responsibilities properly and to render effective service to humanity. In order that the honor and dignity of the profession be advanced and maintained, THE AMERICAN INSTITUTE OF CHEMISTS has prepared the following code to define the rules of professional conduct and ethics, binding on its members.

1. Every individual, on entering the profession of chemistry and thereby becoming entitled to full professional fellowship, incurs an obligation to advance the science and art of chemistry, to guard and uphold its high standard of honor, and to conform to the principles of professional conduct.

2. It is the duty of a chemist to bear his part in sustaining the laws, institutions, and burdens of his community.

3. The chemist shall not knowingly engage in illegal work or coöperate with those who are so engaged.

4. A chemist shall carry on his professional work and act in a strict spirit of fairness to employers, contractors, and clients, and in a spirit of personal helpfulness and fraternity toward other members of the chemical profession.

5. He shall refrain from associating with or allowing the use of his name by any enterprise of questionable character.

6. Advertising matter containing his name shall be dignified in tone and characterized by due scientific restraint. Such advertising matter shall not contain any statements which may tend to bring himself or his profession into disrepute. Equivocal or false statements, or statements which are liable to mislead shall not be permitted. The use of personal photographs or self-laudatory statements is condemned. If a title is used, it must be definitely characterized.

7. He shall coöperate in upbuilding the profession by exchanging general information and experience with his fellow chemists, and by contributing to the work of technical societies and the technical

press, where such information does not conflict with the interests of his client or employer. It is very desirable that the first publication regarding inventions or other scientific advances be made through the technical societies and technical publications and not through the public press. Care shall be taken that credit for technical work be attributed as far as possible to the real authors of the work.

8. If in his opinion, work requested of him by clients or employers seems to present improbability of successful results, he shall so advise before undertaking the work.

9. He shall be conservative in all estimates, reports, testimony, etc., and especially so if these are in connection with the promotion of a business enterprise.

10. He shall not accept compensation, financial, or otherwise, from more than one interested party without the consent of all parties concerned, and shall not accept commissions from outside parties on sales to his client or employer without their knowledge. He is, however, in no way debarred from accepting employment from more than one employer where there is no conflict of interests.

11. He shall not use any unfair, improper, or questionable methods of securing professional work or advancement, and shall decline to pay or accept commissions for securing such work.

12. He may use all honorable means in competition to secure professional employment but shall not, by unfair means, injure directly or indirectly the professional reputation, prospects, or business of a fellow chemist; and shall not attempt to supplant a fellow chemist after definite steps have been taken toward the latter's employment.

13. He shall not knowingly accept employment by a client or employer as substitute while the claim for compensation or damage, or both, of a fellow chemist previously employed by the same client or employer and whose employment has been terminated, remains unsatisfied, or until such claim has been referred to arbitration, or issue has been joined at law, or unless the chemist previously employed has neglected to press his claim legally.

14. He shall be diligent in exposing and opposing such errors and frauds as his special knowledge enables him to recognize.

15. Any infractions of these principles of professional conduct, coming to his attention, shall be reported to the Ethics Committee of THE AMERICAN INSTITUTE OF CHEMISTS.

16. He shall not attempt to compete with a fellow chemist on the basis of professional charges, by reducing his usual charges in order to underbid, after being informed of the charges named by the competitor.

17. He shall not accept any engagement to review the professional work (except journal articles and similar scientific publications, and in litigation) of a fellow chemist without the knowledge of such chemist, or unless the connection of such chemist with the work has been terminated.

18. When undertaking work for a client or employer, he should enter into an agreement regarding the ownership of any and all data, plans, improvements, patents, designs, or other records which he may develop or discover while in the employ of such a client or employer. This agreement should include a restriction of the use of reports for advertiseing purposes. In the absence of a written understanding the following principles are held to apply:

a If a chemist uses information obtainable only from his client or employer which is not common knowledge or public property, any results in the form of designs, plans, inventions, processes, etc., shall be regarded as the property of the employer.

b If a chemist uses his own knowledge or information or data which by prior publication or otherwise are public property, then the results in the form of designs, plans, inventions, processes, etc., remain the property of the chemist, and the client or employer is entitled to their use only in the case for which the chemist was retained.

c All work and results accomplished by the chemist outside of the field for which he was employed or retained are the property of the chemist.

d Special data or information obtained by a chemist from his client or employer or which he creates as a result of such information, are to be considered confidential, and while it is ethical to use such data or information in his practice as forming part of his professional experience, its publication without permission is improper.

e He shall not suppress information or unduly accentuate statements in reports for the purpose of making gain or profit to himself or others.

19. He shall as far as possible in consulting work fix fees at a point high enough to warrant complete and adequate service. Unreasonably

low charges for professional work tend toward inferior and unreliable work. In fixing fees it is proper for him to consider:

a The time and labor involved, the novelty and difficulty of the matter, and the experience and skill necessary.

b Whether the employment precludes other employment in similar lines or will involve the loss of other business while engaging in the particular work.

c Customary charge of chemists for similar services.

d The magnitude of the matter involved, and the benefits resulting to the client from the services.

e The character of the employment, whether casual or for an established and constant client.

20. While it is desirable that chemists engaged in teaching and research should be permitted to use their special knowledge and skill in direct service to individual clients, it is prejudicial to the welfare of the profession for such services to be rendered at rates which ignore ordinary costs of equipment, supplies, and overhead expenses.

21. Having established a fair fee and billed same to a client, he should oppose any effort of a client to have such fee reduced without real and sufficient cause. Wherever compatible with self-respect and the right to receive a reasonable recompense for services rendered, controversies with clients regarding compensation are to be avoided. There should, however, be no hesitation to apply to the courts for redress to prevent injustice, imposition, or fraud.

Roster of Membership

(as of January, 1938)

HONORARY MEMBERS

John J. Abel (1928)
Otto P. Amend (1935), *Deceased*
Leo H. Baekeland (1931)
Wilder D. Bancroft (1937)
William Wallace Buffum (1937)
Charles F. Chandler (1923), *Deceased*
Frank W. Clarke, (1928), *Deceased*
William Foster (1936), *Deceased*
Edward C. Franklin (1931), *Deceased*
Moses Gomberg (1936)
James F. Kendall (1928)
George C. Lewis (1937)
William McPherson (1931)
A. Cressy Morrison (1937)
Charles E. Munroe (1924)
Ira Remsen (1924), *Deceased*
Edgar F. Smith (1924), *Deceased*
William H. Walker. (1933), *Deceased*
Harvey W. Wiley (1928), *Deceased*

LIFE MEMBERS

Frederick E. Breithut **George A. Lewis**
Max Trumper

A

Aaronson, Henry A.
(1928),* *Associate Chemist,* United States Ordnance Department, Picatinny Arsenal, Dover, N. J.

Abbott, George A.
(1932), *Professor of Chemistry, Head of Department,* University of North Dakota, Grand Forks, N. D.

Acaster, Horace D.
(1928), *Sales Engineer,* Calco Chemical Company, Inc., 401 North Broad Street, Philadelphia, Penna.

Adams, Frederic H.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

* Names without designation are those of Fellows. A., J., or S. in parenthesis with the year of election indicates, respectively, Associate, Junior or Student membership.

Adams, Pierrepont
(J.1937), *Chemist,* American Cyanamid Company, Stamford, Conn.

Adams, Wayne B.
(1935), *Chemist,* Department of Food and Drugs, University of Nevada, Reno, Nev.

Adler, Edward
(J.1935), Address Wanted.

Ahlbeck, Harry W.
(1936), *Chief Engineer,* Bakelite Corporation, Bound Brook, N. J.

Alexander, Jerome
(1927), *Consulting Chemist and Chemical Engineer,* 50 East 41st Street, New York, N. Y.

Allen, Austin O.
(1935), *Superintendent,* A. C. Horn Company, 43-42 10th Street, Long Island City, N. Y.

Allen, Edward R.
(1936), *Technical Director Pigment Colors,* E. I. duPont de Nemours and Company, Krebs Pigments Department, Newark, N. J.

Allen, Ivey, Jr.
(1936), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Allen, Paul, Jr.
(1936), *Associate Professor of Chemistry,* St. John's College, Annapolis, Maryland.

Alles, Gordon A.
(1938), *Chemical Research,* 672 So. Westlake Avenue, Los Angeles, Cal.

Allison, Vernon C.
(1923), *Assistant Chief Chemist,* Picatinny Arsenal, Dover, N. J.

Allmuth, Frank S.
(1937) *Chief Supervisor,* E. I. du Pont de Nemours and Company, Inc., River Road, Station B, Buffalo, N. Y.

Amick, Chester Albert
(1935), *Research Chemist,* Calco Chemical Company, Bound Brook, New Jersey.

Anderson, Myron S.
(1936), *Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Anderson, R. S.
(1936), *Technical Assistant,* Bakelite Corporation, River Road, Bound Brook, N. J.

Anderson, Roy B.
(1936), *Secretary,* Brooklyn Varnish Manufacturing Company, 35 Nostrand Avenue, Brooklyn, N. Y.

Andress, Frank J.
(1935), *Professor of Biochemistry and Preventive Medicine,* Eclectic College of Medicine, Cincinnati, Ohio.

Andrews, Donald H.
(1936), *Professor of Chemistry,* The Johns Hopkins University, Baltimore, Maryland.

Andrews, Harry L., Jr.
(J.1936), *Development Chemist,* Congoleum-Nairn, Inc., Marcus Hook, Pennsylvania.

Angus, Addison C.
(1932), *Secretary and Treasurer,* Philadelphia Clinical Laboratory, Inc., 1833 Chestnut Street, Philadelphia, Penna.

Anthes, John F.
(1936), *Assistant to Chief Chemist,* The Brooklyn Union Gas Company, 191 St. James Place, Brooklyn, N. Y.

Apfelbaum, Percy Max
(1929), *Instructor,* Department of Chemistry, College of the City of New York, New York, N. Y.

Appleton, Lewis
(A.1936), *Chemist,* Solar Manufacturing Company, 599 Broadway, New York, N. Y.

Arenson, Saul B.
(1937), *Professor of Inorganic Chemistry,* University of Cincinnati, Cincinnati, Ohio.

Arnoff, Albert I.
(A.1936), *President and General Manager,* Massachusetts By-products Company, 53 State Street, Boston, Massachusetts.

Arnold, William S.
(1923), *Chief Chemist and Director of Manufacture,* C. M. Pitt and Sons Company, Key Highway, Baltimore, Md.

Arrowsmith, Clarence J.
(J.1936), *Chemist,* White Laboratories Inc., 113 North 13th Street, Newark, N. J.

Ashbrook, Donald S.
(1937), *Vice President and Treasurer,* Zoch, Ashbrook and Company, Inc., 40 Worth Street, New York, New York.

Atwood, F. C.
(1936), *President,* Atlantic Research Associates, Inc., 40 Central Street, Boston, Mass.

Atwood, Kenneth F.
(1936), *Chemist,* The Gilbert Spruance Company, Philadelphia, Penna.

Auer, E. Everett
(A.1936), *Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Averitt, S. D.
(1936), *Chemist,* Kentucky Agricultural Experiment Station, Lexington, Kentucky.

Aycock, Lemuel M.
(1932), *Chemist,* F. W. Berk and Company, Inc., Graybar Building, New York, N. Y.

Ayers, Joseph W.
(1933), *Director of Research,* C. K. Williams and Company, 640 North 13th Street, Easton, Penna.

Ayres, Eugene
(1937), *Staff Chemist,* Gulf Research and Development Company, P. O. Drawer 2038, Pittsburgh, Penna.

B

Bacal, Harry S.
(1936), *Manager,* Pioneer Paint and Varnish Company, Tucson, Arizona.

Bacon, Charles V.
(1923), *Consulting Chemical Engineer,* 117 Liberty Street, New York, New York.

Bacon, Nicholas
(1932), *Chemist,* William M. Grosvenor, Inc., 50 East 41st Street, New York, N. Y.

Bacon, Raymond Charles
(A.1935), *Research Chemist,* Calco Chemical Company, Bound Brook, New Jersey.

Badollet, Marion S.
(1932), *Research Chemist,* Johns Manville Corporation, Manville, New Jersey.

Baëza, W. J.
(1929), *President,* Industrial Research Company, 50 East 41st Street, New York, N. Y.

Bailey, Bernard H.
(1936), *Assistant Mill Superintendent,* Bird and Son, Inc., East Walpole, Mass.

Baker, Chester L.
(1938), *Chief Chemist,* Philadelphia Quartz Company, Philadelphia, Pa.

Baker, Ross A.
(1929), *Professor of Chemistry, In Charge of Department,* Commerce Center, College of the City of New York, 17 Lexington Avenue, New York, N. Y.

Ball, C. Olin
(1936), *Assistant to the Director of Research,* American Can Company, Maywood, Ill.

Balyozian, Nicholas
(1923), *Chief Chemist,* Hub Research Associates, Cambridge, Mass.

Bancroft, George Russell
(1935), *Professor of Physiological Chemistry and Toxicology,* Jefferson Medical College, Philadelphia, Penna.

Banks, H. P.
(1938), *Vice-president,* I. F. Laucks, Inc., Seattle, Wash.

Barban, Charles
(1932), *Consulting Chemist and Chemical Engineer,* 521 Fifth Avenue, New York, N. Y.

Bardwell, Dwight C.
(1936), *Research Chemist,* The Solvay Process Company, Syracuse, New York.

Barker, A. L.
(1936), *Professor of Chemistry,* Ripon College, Ripon, Wisconsin.

Barnard, H. E.
(1936), *Technical Director,* National Farm Chemurgic Council, Inc., Dearborn, Mich.

Barnett, Robert Spencer
(1936), *Research Chemist,* The Texas Company, Beacon Research Laboratories, Beacon, N. Y.

Barsky, George
(1929), *President,* Barsky and Strauss, Inc., 202 East 44th Street, New York, N. Y.

Bass, L. W.
(1932), *Assistant Director,* Mellon Institute of Industrial Research, Pittsburgh, Penna.

Baumann, Emil J.
(1936), *Chemist,* Montefiore Hospital, Gun Hill Road and Bainbridge Avenue, New York, N. Y.

Bayer, Alfred R.
(A.1936), *Chemist,* The Brooklyn Union Gas Company, 191 St. James Place, Brooklyn, N. Y.

Beard, Howard H.
(1936), *Professor of Biochemistry,* Louisiana State University Medical Center, New Orleans, La.

Beath, O. A.
(1936), *Research Chemist,* College of Agriculture, University of Wyoming, Laramie, Wyoming.

Becher, Hubert L.
(1923), *Chemist,* The Agasote Mill-Board Company, Trenton, N. J.

Beckers, William G.
(1923), Beckersville, N. Y.

Beegle, Frank M.
(1936), *Chief Chemist,* Wilson and Bennett Manufacturing Company, Chicago, Ill.

Beekley, John S.
(1936), *Manager,* Process Section, Ammonia Department, E. I. du Pont de Nemours and Company, Charleston, West Virginia.

Belcher, Thomas L.
(1923), *Chemist,* Raybestos-Manhattan, Inc., Passaic, N. J.

Belfit, Robert W.
(1923), *Research Chemist,* Scovill Manufacturing Company, Waterbury, Connecticut.

Beltz, John H.
(1936), *Director of Laboratory,* Bell and Beltz, Inc., Philadelphia, Penna.

Benbrook, Charles H.
(A.1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Bender, Howard L.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Benner, Raymond C.
(1936), *Director of Research,* The Carborundum Company, Niagara Falls, N. Y.

Bennett, Harry
(1932), *President,* Chemical Publishing Company of New York, Inc., 148 Lafayette Street, New York, New York.

Berggren, Ruth E. L.
(1937), *Research Chemist,* Kind and Knox Gelatine Company, Head of North Fifth Street, Camden, N. J.

Berl, Ernst
(1935), *Research Professor of Chemistry,* Carnegie Institute of Technology, Pittsburgh, Penna.

Berolzheimer, D. D.
(1923), *Chemical Literature Expert,* 50 East 41st Street, New York, N. Y.

Berry, William S.
(A.1924), *Teacher,* Woodrow-Wilson Jr. High School, Philadelphia, Penna.

Bertolet, Elmer C.
(1925), *Head Department of Chemistry and Dyeing,* Philadelphia Textile School, Broad and Pine Streets, Philadelphia, Penna.

Bezzenberger, F. K.
(1937), *President,* The Cosma Laboratories Company, 1545 E. 18th Street, Cleveland, Ohio.

Bhagwat, M. R.
(1936), *Secretary,* Chemists' Unemployment Committee, 300 Madison Avenue, New York, N. Y.

Bigelow, Lucius A.
(1936), *Associate Professor of Chemistry,* Duke University, Durham, N. C.

Bird, R. M.
(1937), *Professor of Chemistry,* University of Virginia, University, Va.

Bishop, Howard B.
(1936), *President,* Sterling Products Company, 68 Bishop Road, Easton, Pennsylvania.

Bivins, Franklin H.
(1933), *Chemist,* Plant Operating Division, Foster D. Snell, Inc., 305 Washington Street, Brooklyn, N. Y.

Black, A. P.
(1935), *Professor of Agricultural Chemistry,* University of Florida, Gainesville, Florida.

Black, Charles S.
(1937), *Professor of Chemistry,* Wake Forest College, Wake Forest, North Carolina.

Blackhall, Walter L.
(1929), *Assistant Chief Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, N. Y.

Blew, Michael J.
(1937), *Research Engineer,* Department of Public Works, Bureau of Engineering, Surveys, and Zoning, City of Philadelphia, Penna.

Bliss, A. Richard, Jr.
(1923), *Director of Birmingham Research Laboratories; Professor of Pharmacology and Dean of School of Pharmacy,* Howard College of Birmingham, Alabama.

Boddington, Henry D.
(1923), *President,* The Boddington Laboratories, 6821 Santa Fe Avenue, Huntington Park, Calif.

Bodman, John W.
(1937), *Research Director,* Lever Brothers Company, Cambridge, Mass.

Bogert, Marston Taylor
(1929), *Professor of Organic Chemistry,* Columbia University, New York, N. Y.

Boggs, Gilbert H., Sr.
(1936), *Director*, Department of Chemistry and Chemical Engineering; *Professor of Chemistry; Dean of Graduate Courses*, Georgia School of Technology, Atlanta, Georgia.

Bolinger, E. Dare
(J.1932), *Research Chemist*, Fiberloid Corporation, Indian Orchard, Mass.

Bole, G. A.
(1937), *Research Professor*, Ohio State University, Columbus, Ohio.

Bond, Perry A.
(1936), *Associate Professor of Inorganic Chemistry*, State University of Iowa, Iowa City, Ia.

Bond, William G.
(1923), Holly Oak, Delaware.

Bonney, Robert D.
(1936), *Assistant Manager of Manufacturing*, Congoleum-Nairn, Inc., Kearny, N. J.

Boorstein, Jacob W.
(A.1927), *Assistant Chief Chemist*, New York Testing Laboratories, 80 Washington Street, New York, N. Y.

Borg, Henry L.
(1924), *Vice-president*, Murray Company, 209-211 State Street, Boston, Massachusetts.

Born, Sidney
(1936), *President*, Born Engineering Company, P. O. Box 102, Tulsa, Oklahoma.

Bost, William D.
(1923), *Officer*, Orange-Crush Company, 318 West Superior Street, Chicago, Ill.

Boustead, John
(J.1935), 167 Franklin Street, Paterson, N. J.

Bowen, C. Verne
(1937), 530 Duncan Avenue, Washington, Penna.

Bower, Francis M.
(J.1937), *Fellow*, University of Maryland, College Park, Maryland.

Bowman, Jay
(1923), *Assistant Director of Research*, Wilson and Company, 4100 S. Ashland Avenue, Chicago, Ill.

Boyle, James S.
(A.1923), *Chemist*, Anaconda Wire and Cable Company, Marion, Indiana.

Bradley, H. F.
(A.1923), *Chief Chemist*, Park Utah Consolidated Mines Company, Park City, Utah.

Bradley, Theodore F.
(1936), *Research Chemist*, American Cyanamid Company, Stamford, Conn.

Bradshaw, Anis P.
(1930), *Research Associate in Chemistry*, Commission on Standardization of Biological Stains, Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

Bramann, George M.
(1936), *Research and Sales Development*, Niacet Chemicals Corporation, Niagara Falls, N. Y.

Breithut, Frederick E.
(1926), Nantucket, Massachusetts.

Brescia, Frank
(J.1931), *Instructor*, Chemistry Department, College of the City of New York, New York, N. Y.

Brewer, J. Edward
(1937), *Partner*, Brewer and Gardner, S. E. Corner 18th and Cherry Streets, Philadelphia, Penna.

Brewer, W. O.
(1924), *Pharmaceutical Plant Manager*, The Calco Chemical Company, Bound Brook, N. J.

Breyer, Frank G.
(1932), *Partner*, Singmaster and Breyer, 420 Lexington Avenue, New York, N. Y.

Bridgeman, Walter A.
(1937), *Manager* of Wilbur White Division of Franklin Research Company, 5134 Lancaster Avenue, Philadelphia, Penna.

Brierley, John R.
(1937), *President,* Childs Pulp Colors, Inc., Brooklyn, N. Y.

Brill, H. C.
(1936), *Professor and Head of Department of Chemistry,* Miami University, Oxford, Ohio.

Brinkley, Stuart R.
(1936), *Associate Professor,* Department of Chemistry, Yale University, New Haven, Conn.

Brinton, Clement S.
(1937), *Chief Philadelphia Station,* U. S. Food and Drug Administration, Philadelphia, Penna.

Brinton, Paul H. M. P.
(1936), *Consulting Chemist,* 1064 Linda Vista Way, Pasadena, Calif.; *Head of Department of Chemistry,* University of Southern California, Los Angeles, Calif.

Briod, André E.
(1937), *Technical Director,* Vitamin Division, National Oil Products Company, Harrison, N. J.

Brock, Frank P.
(1935), *Research Engineer,* Bakelite Corporation, Bloomfield, N. J.

Broeker, John F.
(1936), *Research Division Head,* Krebs Pigment and Color Corporation, Newport, Delaware.

Brogan, Frank J.
(A.1933), *Instructor,* Department of Chemistry, Hunter College, Bedford Park and Navy Avenue, New York, New York.

Bronson, Barnard S.
(1932), *Professor of Chemistry,* New York State College for Teachers, Albany, N. Y.

Brooks, Benjamin T.
(1927), *Consulting Chemist,* 50 East 41st Street, New York, N. Y.

Brown, Brian S.
(1936), *President,* Georgia Rosin Products Company, Savannah, Ga.

Brown, James
(1925), *Research Chemist,* The Calco Chemical Company, Bound Brook, New Jersey.

Brown, William B.
(1933), *Research Chemist,* The Barrett Company, Bridesburg Station, Philadelphia, Penna.

Browne, Harold H.
(1923), Box 210, Saranac Lake, New York.

Bryant, George O.
(1923), *Sales Engineer,* Alberene Stone Corporation of Virginia, 419 Fourth Avenue, New York, N. Y.

Buck, Johannes S.
(1932), *Senior Organic Chemist,* Burroughs Wellcome and Company, Tuckahoe, N. Y.

Buckminster, P. D.
(1937), *General Superintendent,* General Paint Corporation, 2627 Army Street, San Francisco, Calif.

Bucy, E. H.
(1933), New Canaan, Connecticut.

Bullock, Jesse L.
(1935), *Professor of Organic Chemistry,* Clark University, Worcester, Massachusetts.

Burbank, Jeanne
(J.1936), 309 S. 40th Street, Philadelphia, Penna.

Burgess, C. F.
(1936), *President,* Burgess Battery Company; *Chairman,* C. F. Burgess Laboratories, 111 W. Monroe Street, Chicago, Ill.

Burgess, Kenneth E.
(1936), *Technical Research Director,* Magnetic Pigment Company, 601 Cass Street, Trenton, N. J.

Burke, Edmund, Sr.
(1936), *Chemist and Meteorologist,* Montana Agricultural Experiment Station, Bozeman, Mont.

Burnell, Dorah L.
(1936), *Associate Professor of Chemistry,* Houghton College, Houghton, New York.

Burns, Frank B.
(A.1935), *Research Chemist,* U. S. Gypsum Company, 23 South Damen Avenue, Chicago, Ill.

Burrell, George A.
(1937), *President,* Burrell-Mase Engineering Company; *President,* Burrell Technical Supply Company; *Vice-president and operating manager,* Atlantic States Gas Company, 50 Broadway, New York, N. Y.

Burton, Milton
(1936), New York University, New York, N. Y.

Burtsell, Aubison Tuthill
(1935), *Instructor,* College of the City of New York, 17 Lexington Avenue, New York, N. Y.

Burwell, Arthur Warner
(1930), *Vice-president and Technical Director,* Alox Corporation, P. O. Box 556, Niagara Falls, New York.

Buswell, A. M.
(1935), *Chief,* State Water Survey, 57 Chemistry Building, Urbana, Illinois; *Professor of Chemistry,* University of Illinois, Urbana, Ill.

Butcher, Bessie E.
(1933), *Head, Science Department,* Eagle Rock High School, Los Angeles, Calif.

Butler, William H.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Butterfield, E. E.
(1937), *Research Chemist,* 70-04 Dartmouth Street, Forest Hills, New York.

Butts, Donald C. A.
(1923), *Consulting Bacteriologist,* 6 South 39th Street, Philadelphia, Pennsylvania.

Byers, Horace G.
(1923), *Chief of Soil Chemistry and Physics Division,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

C

Cabot, Samuel
(1933), *President,* Samuel Cabot, Inc., 141 Milk Street, Boston, Mass.

Cadwell, Sidney M.
(1932), *Director,* Tire Development Division, United States Rubber Products, Detroit, Mich.

Calcott, W. S.
(1923), *Director,* Jackson Laboratory, Organic Chemicals Department, E. I. duPont de Nemours and Company, Box 525, Wilmington, Del.

Camelford, J. Allan
(1934), *Chemist,* Alox Chemical Corporation, P. O. Box 949, Niagara Falls, N. Y.

Cameron, Walter S.
(A.1923), *Chairman of Department of Physical Science,* Wadleigh High School, 215 West 114th Street, New York, N. Y.

Campbell, Arthur William
(1936), *In Charge of Carbon Black Laboratory Control,* Thermatomic Carbon Company, subsidiary of Commercial Solvents Corporation, Terre Haute, Ind.

Canter, Hall
(1938), *Head,* Department of Chemistry, Randolph-Macon College, Ashland, Virginia.

Cardarelli, Eugene J.
(1923), *Director of Research,* Aromatic Products, Inc., Box 655, Springdale, Connecticut.

Carleton, Ralph Kimball
(1937), *Instructor in Chemistry,* Rhode Island State College, Kingston, Rhode Island.

Carmichael, Emmett B.
(1935), *Professor and Head of the Department of Physiological Chemistry,* University of Alabama, University, Ala.

Carpenter, Arthur W.
(1936), *Manager of Testing Laboratories,* The B. F. Goodrich Company, Akron, Ohio.

Carpenter, Clifford D.
(1929), *Professor of Chemistry,* Columbia University, New York, N. Y.

Carr, Ralph Howard
(1936), *Professor of Agricultural Chemistry,* Purdue University, West Lafayette, Ind.

Cartledge, G. H.
(1933), *Head, Department of Chemistry,* University of Buffalo, Buffalo, New York.

Casselman, Ralph T.
(1936), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Catherman, Clair Cecil
(J.1930), *Field Representative,* Ross Research Corporation, New York, New York.

Catlow, William R., Jr.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Cavallito, Chester J.
(J.1936), 236 Church Street, Woodbridge, N. J.

Cavelti, John E.
(1935), *Professor of Chemistry,* Allegheny College, Meadville, Penna.

Cayo, Eugene F.
(1929), *Vice-president and Secretary,* Samuel P. Sadtler and Son, Inc., 210 South 13th Street, Philadelphia, Pennsylvania.

Chace, Edward M.
(1933), *Chemist in Charge,* Laboratory of Fruit and Vegetable Chemistry, 148 South Mission Road, Los Angeles, Calif.

Chalk, James M.
(1930), *Chemist,* Employed by President of the Borough of Queens, Borough Hall, Long Island City, N. Y.

Chalkley, Lyman
(1937), *Director of Research,* Benton and Bowles, 444 Madison Avenue, New York, N. Y.

Chamberlain, Joseph S.
(1936), *Goessmann Professor of Organic Chemistry,* Massachusetts State College, Amherst, Mass.

Charlton, Harry W.
(1937), *Consultant,* Hotel Martinque, 32nd Street and Broadway, New York, N. Y.

Charron, Roy C.
(1923), *Chief Chemist,* United States Envelope Company, 84 Prescott Street, Worcester, Mass.

Chelius, Hannah E.
(J.1935), 17 West 45th Street, Bayonne, N. J.

Cheney, Lowther B.
(1929), *Department Superintendent,* American Cyanamid Company, Linden, New Jersey.

Chesley, Kenneth G.
(A.1932), *Chief Chemist,* Crosett Chemical Co., Crossett, Arkansas.

Chinery, Frank L.
(1936), *Chief Chemist,* White Lead Division, The Eagle Picher Lead Company, 1030 Broadway, Cincinnati, Ohio.

Christensen, Leo M.
(1936), *Vice-president and General Manager,* The Atchison Agrol Company, Atchison, Kansas.

Christmann, Ludwig J.
(1929), *Director,* Ore Dressing Laboratory, American Cyanamid Company, Stamford, Conn.

Church, Sumner R.
(1927), *Consulting Chemist,* Room 1525, 101 Park Avenue, New York, New York.

Clark, Ernest D.
(1936), *Secretary and Manager* of National Canners Association, Northwest Branch; and of Association of Pacific Fisheries, 826 Skinner Building, Seattle, Wash.

Clark, Friend E.
(1936), *Head of Department of Chemistry and Chairman Graduate Council,* West Virginia University, Morgantown, West Virginia.

Clark, George L.
(1936), *Professor of Chemistry,* University of Illinois, Urbana, Ill.

Clark, John D.
(1936), *Professor and Head of the Department of Chemistry,* University of New Mexico, Albuquerque, New Mexico.

Clark, Lawrence
(J.1935), *Clerk,* War Department, Munitions Building, Washington, District of Columbia.

Clark, Le R. V.
(1936), *Research Explosives Engineer,* General Explosives Division, American Cyanamid and Chemical Corporation, Latrobe, Penna.

Clarke, Beverly L.
(1936), *Head of Analytical Laboratories,* Bell Telephone Laboratories, Inc., 463 West Street, New York, New York.

Clarke, Hans T.
(1930), *Professor of Biological Chemistry,* College of Physicians and Surgeons, 630 West 168th Street, New York, N. Y.

Clements, F. O.
(1938), *Technical Director,* Research Laboratories Division, General Motors Corporation, Detroit, Mich.

Clough, Lyle A.
(1931), *Chemist,* Research and New Products Division, Goodyear Tire and Rubber Company, Akron, Ohio.

Coats, Harry P.
(1929), *Research Chemist,* Firestone Tire and Rubber Company, Akron, Ohio.

Coe, John M.
(1936), *Chemical Engineer,* Halowax Corporation, 230 Grove Street, Bloomfield, N. J.

Cofman, Victor
(1927), Ravenscourt, Cole Park Road, Twickenham, England.

Cohen, Louis
(J.1936), *Draftsman,* Employed by Borough of Manhattan, Municipal Building, New York, N. Y.

Cole, Everitt J.
(1936), *Treasurer,* Manufacturers' Varnish Company, Inc., 74 Lorraine Street, Brooklyn, N. Y.

Cole, Harry L.
(1936), *Assistant Professor of Chemistry,* State College of Washington, Pullman, Wash.

Coleman, George William
(1937), 28 Green Street, Watertown, Massachusetts.

Coles, Henry L.
(1938), *Head,* Department of Chemical Engineering, University of Colorado, Boulder, Colorado.

Concannon, C. C.
(1931), *Chief,* Chemical Division, Department of Commerce, Washington, District of Columbia.

Con'é, Samuel Henri
(1932), *Director of Research*, Consolidated Oil Company of Washington, Inc., 202 Orpheum Building, Seattle, Wash.

Conklin, Albert E.
(A.1929), *Chief Chemist*, C. A. Reed Company, Williamsport, Penna.

Conn, Robert C.
(A.1936), *Research Chemist*, Calco Chemical Company, Inc., Bound Brook, N. J.

Connor, C. M.
(A.1933), *Technical Director*, Valley Forge Laboratories, Inc., West Conshohocken, Penna.

Connor, Emerson H.
(A.1935), Address Wanted.

Cook, Charles A.
(1936), *Biological Chemist*, Burroughs Wellcome and Company, Inc., Experimental Research Laboratories, Tuckahoe, N. Y.

Cook, Walter A.
(1936), *Head, Department of Chemistry*, University of Akron, Akron, Ohio.

Cool, Raymond D.
(1932), *Assistant Professor of Chemistry*, Knight Chemical Laboratory, University of Akron, Akron, Ohio.

Coolidge, William D.
(1936), *Director of Research Laboratory*, General Electric Company, Schenectady, N. Y.

Copenhaver, J. E.
(1936), *Professor of Chemistry*, Department of Chemistry, University of South Carolina, Columbia, S. C.

Corbitt, Hugh B.
(1923), *Research and Control Chemist*, Winthrop Chemical Corporation, 33 Riverside Avenue, Rensselaer, New York.

Cornwell, Ralph T. K.
(1936), *Chief Research Chemist*, Sylvania Industrial Corporation, Fredericksburg, Virginia.

Cortese, Frank
(1937), *Director of Intravenous Solutions Department*, Columbia Presbyterian Medical Center, 630 West 168th Street, New York, N. Y. Also *Instructor in Biological Chemistry*, Columbia University, New York.

Cottle, D. L.
(1937), *Assistant Professor*, Rutgers University, New Brunswick, N. J.

Cotton, William J.
(1923), 1700 S. Second Street, St. Louis, Mo.

Couch, James F.
(1923), *Research Chemist*, Bureau of Animal Industry, U. S. Department of Agriculture, Washington, District of Columbia.

Courtney, Robert P.
(1936), *Development Engineer*, Bakelite Corporation, 230 Grove Street, Bloomfield, N. J.

Cowgill, George R.
(1937), *Associate Professor of Physiological Chemistry*, Yale University, 333 Cedar Street, New Haven, Conn.

Cowperthwaite, Irving A.
(1936), *Plant Engineer and Director of Research*, Thompson Wire Company, 41 Mildred Avenue, Mattapan, Massachusetts.

Crabill, Allen K.
(1938), *Chemist*, E. J. Lavino and Company, Lynchburg, Virginia.

Crane, Frederick D.
(1923), *Research Chemist*, 28 Hillside Avenue, Montclair, N. J.

Crawford, John W.
(1923), *Superintendent*, Sulloway Mills Company, Tilton, N. H.

Creighton, H. Jermain
(1937), *Professor of Chemistry*, Swarthmore College, Swarthmore, Pennsylvania.

Cromer, George W.
(1937), *Junior Chemist*, Bureau of Chemistry and Soils, U. S. Dept. of Agriculture, Washington, D. C.

Cross, Robert J.
(1936), *Superintendent,* Vitamin Department and Maintenance, S. M. A. Corporation, 4614 Prospect Avenue, Cleveland, Ohio.

Crossley, M. L.
(1923), *Director of Research,* Calco Chemical Company, Inc., Bound Brook, N. J.

Crosson, Leo H.
(J.1935), *Chemist,* Charlotte Chemical Laboratory, Box 948, Charlotte, North Carolina.

Crowley, C. A.
(1936), *Director of Research,* Technical Service Bureau, Inc., 6805 N. Clark Street, Chicago, Illinois.

Cummings, Samuel N.
(1933), *President,* Pylam Products Company, Inc., 799 Greenwich Street, New York, N. Y.

Cummins, Arthur B.
(1936), *Manager,* Celite Research, Johns Manville Corporation, Manville, New Jersey.

Cunningham, Geoffrey E.
(1936), *Associate Professor of Chemistry,* Clarkson College of Technology, Potsdam, N. Y.

Currie, Lauchlin M.
(1937), *Director,* New Products Division, National Carbon Company, P. O. Box 6087, Cleveland, Ohio.

D

D'Amato, Hugh A.
(J.1931), *Assistant,* Testing Laboratory, American Window Glass Company, Safety Glass Department, Jeannette, Penna.

Danald, George E.
(J.1934), *Department Supervisor,* Agfa-Ansco Corporation, Binghamton, New York.

Daniel, John L.
(1936), *Professor and Chief,* Division of Chemistry, Georgia School of Technology, Atlanta, Georgia.

Daniels, Lloyd C.
(1933), *Assistant General Manager,* Seldon Division, American Cyanamid and Chemical Corporation, Bridgeville, Penn.

Darbey, Albert
(A.1924), *Textile Chemist,* Alrose Chemical Company, Providence, R. I.

Dargan, W. H.
(1937), *Research Assistant,* Consolidated Edison Company, 55 Johnson Street, Brooklyn, N. Y.

Darling, S. F.
(1938), *Associate Professor,* Lawrence College, Appleton, Wisconsin.

Darrin, Marc
(1937), *Industrial Fellow,* Mellon Institute of Industrial Research, Pittsburgh, Penna.

Daughenbaugh, Paul J.
(1938), Technical Division, Sharp and Dohme, Glenolden, Penna.

Davidheiser, Lee
(1936), *Head, Department of Science,* Wagner College, Staten Island, N. Y.

Davidson, Emil
(A.1932), *Sales Representative,* Clay-Adams Company, 25 E. 26th Street, New York, N. Y.

Davis, Arnold R.
(1937), *Chemist in Charge of Rubber Section,* Technical Service Laboratory, American Cyanamid Company, Boston Post Road, Stamford, Conn.

Davis, Harold S.
(1936), *Research Chemist,* American Cyanamid Company, Stamford, Conn.

Davis, Lewis
(1936), *Secretary-treasurer,* Davis and Bennett, Inc., 339 Main Street, Worcester, Mass.

Davis, Lloyd L.
(1923), *Supervisor Process Division,* Continental Oil Company, Ponca City, Okla.

Davis, Lloyd W.
(1930), *Chief Chemist,* Analytical Research Laboratory, National Oil Products Company, Inc., Harrison, New Jersey.

Davis, Roy B.
(1930), *Head, Department of Chemistry,* University of the South, Sewanee, Tenn.

Davis, Thomas W.
(1933), *Instructor in Chemistry,* New York University, New York, N. Y.

Davoll, David L.
(1929), 296 North Maple Avenue, East Orange, N. J.

Dawson, Paul R.
(1924), *Biological Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

Dean, Ernest W.
(1937), *Director,* Standard Inspection Laboratory, Standard Oil Development Company, 26 Broadway, New York, N. Y.

De Carlo, Michael R.
(J.1935), *Technician,* Chemistry Laboratory, Army Medical School, Washington, D. C.

De Carlo, Peter A.
(J.1936), *Teacher Chemistry and Biology,* Public School 39, 235 East 125th Street, New York, N. Y.

Deemer, R. B.
(1935), *Associate Biochemist,* U. S. Department of Agriculture, Bureau of Plant Industry, Washington, D.C.

Degering, Edward F.
(1938), *Assistant Professor,* Chemistry Department, Purdue University, W. Lafayette, Indiana.

Delahanty, Thomas W.
(1937), *Assistant Chief,* Chemical Division, Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington, D. C.

De Leeuw, Philip M.
(1936), *Chemist,* Nubian Paint and Varnish Company, 1856 No. Leclaire Avenue, Chicago, Ill.

Deller, Anthony W.
(1932), *Consultant Lawyer and Chemical Engineer,* 67 Wall Street, New York, New York.

De Marco, Arthur P.
(J.1935), *Chief Chemist,* Yarnall Paint Company, Philadelphia, Pa.

De Phillips, Henry N. A.
(1935), *President,* Coating Materials Laboratories, Inc., 10002 Avenue D, Brooklyn, N. Y.

Derick, C. G.
(1935), *Consulting Chemist,* Sewaren, N. J.

D'Eustachio, Gabriel
(1923), *Chief and Research Chemist,* High Tension Laboratory, General Cable Company, Perth Amboy, N. J.

Diamond, Jack
(J.1937), 1655-82nd Street, Brooklyn, New York.

Diefenbach, William T.
(1937), *Chief Chemist,* J. M. Huber, Inc., 460 West 34th Street, New York, N. Y.

Dietrich, Harold E.
(1934), *Chief Engineer,* The Visking Corporation, 6733 W. 65th Street, Chicago, Ill.

Diggs, S. H.
(1936), *Director of Research (Casper),* Standard Oil Company of Indiana, Casper, Wyoming.

Dill, D. B.
(1937), *Associate Professor of Industrial Physiology.* Harvard University, Soldiers Field Station, Boston, Mass.

Diner, Irene C.
(1925), 3749 McKinley Street, Washington D. C.

Dinsmore, Ray P.
(1936), *Assistant to Factory Manager,* The Goodyear Tire and Rubber Company, Akron, Ohio.

Dinsmore, Sanford C.
(1935), *State Commissioner Foods and Drugs,* P. O. Box 719, Reno, Nevada.

Dodge, F. D.
(1936), *Chief Chemist,* Dodge and Olcott Company, 69 Avenue A, Bayonne, N. J.

Dodge, Lawrence E.
(A.1923), *Head of Science Department,* Gillespie Community High School, 117½ Macoupin Street, Gillespie, Ill.

Doede, Clinton M.
(A.1935), *Research Chemist,* Firestone Tire and Rubber Company, Akron, Ohio.

Doering, Justus Harvey
(1935), *Chemist,* Firestone Tire and Rubber Company, Akron, Ohio.

Doisy, E. A.
(1938), *Director,* Department of Biological Chemistry, Saint Louis University School of Medicine, St. Louis, Missouri.

Dolin, Benjamin Henry T.
(J.1930), 2180 Ryer Avenue, New York, N. Y.

Dolt, Maurice L.
(1924), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Domogalla, B. P.
(1938), *Chemist, Biologist, and Bacteriologist,* City Board of Health, Madison, Wisconsin.

Donleavy, John J.
(1936), *Assistant Professor of Chemistry,* Yale University, New Haven, Connecticut.

Dorcas, Merrill J.
(1936), *Lamp Department Manager,* National Carbon Company, Inc., P. O. Box 6087, Cleveland, Ohio.

Doty, M. B.
(1938), *Superintendent,* Dry Color Factory, The Sherwin-Williams Company, Chicago, Illinois.

Doubleday, Ralph S.
(1923), *Plant Superintendent,* G. W. Carnrick Company, 20 Mt. Pleasant Avenue, Newark, N. J.

Douglas, Frank W.
(1936), *Professor,* Colorado College, Colorado Springs, Colorado.

Douglas-S., Albrecht A.
(1937), *Consulting Chemist in Biological Research Work,* 26 West 68th Street, New York, N. Y.

Downes, A. C.
(1937), Research Laboratory. National Carbon Company, Cleveland, Ohio.

Downs, Charles R.
(1923), *Vice-president and treasurer,* Weiss and Downs, Inc., 50 East 41st Street, New York, N. Y.

Dowzard, Edwin
(1923), *Chief Chemist,* New York Quinine and Chemical Works, Inc., 99 N. 11th Street, Brooklyn, N. Y.

Dreyfus, William
(1936), *Chief Chemist,* West Disinfecting Company, 42-16 Barn Street, Long Island City, New York.

Drogin, Isaac
(1936), *Chief Chemist,* J. M. Huber, Inc., 460 W. 34th Street, New York, New York.

Dubbs, Leland A.
(1923), *Consulting Chemist,* Route 1, Box 259-A, Torrance, California.

Dubin, H. E.
(1923), *President,* H. E. Dubin Laboratories, Inc., 202 E. 44th Street, New York, N. Y.

Dumas, William C.
(1923), *Owner and Operator,* The Dumas Laboratories, 407-411 Five Ivy Street Building, Atlanta, Ga.

DuMez, A. G.
(1936), *Dean,* School of Pharmacy, University of Maryland, Baltimore, Maryland.

Dumit, Michael J.
(1923), *Superintendent of Pulp Mill,* The Chesapeake Corporation, West Point, Virginia.

Dunbrook, Raymond F.
(1935), *Head Organic Division,* Firestone Tire and Rubber Company, Akron, Ohio

Dunkle, Cyrus G.
(1924), *Research Chemist,* Picatinny Arsenal, Dover, N. J.

Dunning, H. A. B.
(1937), *President,* Hynson, Wescott and Dunning, Baltimore, Md.

Dunning, Preston M.
(1936), *Superintendent and Chief Chemist,* Colonial Works, Inc., 231 Norman Avenue, Brooklyn, N. Y.

Durant, Walter W.
(A.1935), *Section Head,* Technical Service Laboratories, American Cyanamid Company, Stamford, Conn.

Durham, E. J.
(1936), *Instructor in Chemistry,* New York University, New York, N. Y.

E

Easter, G. J.
(1937), *Assistant Director of Research,* The Carborundum Company, Niagara Falls, New York.

Eckhardt, Henry, Jr.
(1937), *Sales Engineer,* Pioneer Power Corporation, 233 Broadway, New York, N. Y.

Eddy, Walter H.
(1936), *Professor of Physiological Chemistry,* Teachers' College, Columbia University, New York, N. Y.

Edel, Albert E.
(1923), *County Toxicologist, President,* Edel Laboratories, 10 Hill Street, Newark, N. J.

Edgar, D. E.
(1933), *Research Chemist,* E. I. du Pont de Nemours and Co., 3500 Grays Ferry Road, Philadelphia, Pennsylvania.

Egan, Edward G.
(J.1936), *Purchasing Agent,* A. K. Hamilton, 342 Madison Avenue, New York, N. Y.

Egan, James E.
(1936), *Plant Chemical Engineer,* Procter and Gamble Manufacturing Company, Port Ivory, Staten Island, New York.

Egloff, Gustav
(1932), *Director of Research,* Universal Oil Products Company, 310 South Michigan Avenue, Chicago, Ill.

Ehrlich, J.
(1923), *Chief Chemist,* Verona Chemical Company, 26 Verona Avenue, Newark, N. J.

Eichelberger, William C.
(1936), *Research Chemist,* The Solvay Process Company, Syracuse, New York.

Eisenman, Herschel I.
(1930), *Chemist-Dyer,* A. Hollander and Son, 143 E. Kinney Street, Newark, N. J.

Eisenman, W. H.
(1937), *Secretary,* American Society for Metals, Cleveland, Ohio.

Ekeley, John B.
(1938), *Head,* Department of Chemistry, University of Colorado, Boulder, Colorado.

Ekroth, Clarence V.
(1936), *President and Director,* Ekroth Laboratories, Inc., 405 Lexington Avenue, New York, N. Y.

Elder, Frank E.
(J.1932), Address Wanted.

Elder, Lucius W.
(1936), *Research Chemist,* General Foods Corporation, Battle Creek, Michigan.

Eldred, Frank R.
(1929), *Director of Research,* Reed and Carnrick, 155 Van Wagenen Avenue, Jersey City, N. J.

Elinson, Israel J.
(S.1936), *Student,* College of the City of New York, New York, N. Y.

Ellis, Carleton
(1923), *Manager and Proprietor,* Ellis Laboratories, 92-98 Greenwood Avenue, Montclair, N. J.

Elm, Adolf C.
(1936), *Research Chemist,* The New Jersey Zinc Company of Pennsylvania, Palmerton, Penna.

Elmore, Lonnie Clifton
(1930), *Bookkeeper and Clerk,* Duke Power Company, Winston-Salem, North Carolina.

Elvehjem, Conrad A.
(1936), *Professor of Agricultural Chemistry,* University of Wisconsin, Madison, Wis.

Ely, Charles R.
(1936), *Vice-president and Professor of Natural Science,* Gallaudet College, Washington, D. C.

Endres, Herbert A.
(1937), *Vice-president,* New Hampshire Diatomite Company, Portsmouth, New Hampshire.

Engelhardt, Carl L.
(J.1935), *Production Manager and Chemist,* Brooklyn Varnish Manufacturing Company, 35 Nostrand Avenue, Brooklyn, N. Y.

Enteman, Charles E., Jr.
(J.1931), *Research Chemist,* Zonite Products Corporation, New Brunswick, N. J.

Entner, Bernard J.
(J.1936), 488 Sanford Avenue, Newark, N. J.

Entrikin, John B.
(1936), *Head,* Department of Chemistry, *Consulting Chemist,* Centenary College, Shreveport, La.

Eppley, Marion
(1936), *President,* The Eppley Laboratory, Inc., 12 Sheffield Avenue, Newport, R. I.

Epstein, Albert K.
(1923), *President,* The Emulsol Corporation, 59 East Madison Street, Chicago, Ill.

Epstein, Max
(J.1930), *Teacher of Chemistry,* Haaren High School, 59th Street and 10th Avenue, New York, N. Y.

Erb, Russell C.
(1931), *Assistant Dean and Professor of Chemistry and Toxicology,* Philadelphia College of Osteopathy, Philadelphia, Penna.

Esselen, Gustavus J.
(1933), *President,* Gustavus J. Esselen, Inc., 857 Boylston Street, Boston, Massachusetts.

Evans, Ralph L.
(1936), *Executive-Chemist,* Marinello Corporation, 33 West 46th Street, New York, N. Y.

Evans, Raymond N.
(1936), *Assistant Director of Research,* Consolidated Edison Company, 55 Johnson Street, Brooklyn, New York.

Evenson, Oscar L.
(1928), *Associate Chemist,* Food and Drug Administration, U. S. Department of Agriculture, Washington, District of Columbia.

Everett, M. R.
(1936), *Professor of Biochemistry,* University of Oklahoma, School of Medicine, Oklahoma City, Okla.

Everett, Ralph H.
(1936), *Secretary,* Keystone Varnish Company, 71 Otsego Street, Brooklyn, New York.

F

Falk, K. George
(1936), *Biological Chemist,* Bureau of Laboratories, Department of Health, New York, N. Y.; *Director,* Laboratory of Industrial Hygiene, Inc., 337 East 25th Street, New York, N. Y.

Fanto, Emil C.
(1936), *Research Chemist,* McKesson and Robbins, Inc., Bridgeport, Connecticut.

Fazel, Charles S.
(1937), *Chief Research,* The Solvay Process Company, Nitrogen Division, Hopewell, Va.

Feinberg, Benjamin G.
(1929), *Owner,* B. G. Feinberg, Inc., 112-118 W. 44th Street, New York, New York.

Feinstein, Hyman I.
(A.1931), *Junior Chemist,* National Bureau of Standards, Washington, District of Columbia.

Fellows, Albert T.
(A.1929), 259 Wayne Avenue, Grantwood, N. J.

Felsing, W. A.
(1938), *Professor,* Department of Chemistry, The University of Texas, Austin, Texas.

Ficklen, Joseph B.
(A.1931), *Chemical Engineer,* Travelers Insurance Company, Hartford, Connecticut.

Fiero, George W.
(1936), *Assistant Professor of Materia Medica,* University of Buffalo, Buffalo, N. Y.

Filbert, William F.
(A.1935), *Research Chemist,* E. I. du Pont de Nemours and Company, Eastern Laboratory, Gibbstown, N. J.

Fillinger, Harriet H.
(1937), *Professor of Chemistry,* Hollins College, Hollins, Virginia.

Fine, M. S.
(1936), *Director Research Department,* General Foods Corporation, Battle Creek, Mich.

Finley, Mark F., Jr.
(1925), U. S. Veteran's Administration Facility Hospital, Perry Point, Maryland.

Finnegan, Thomas J.
(1937), *Chemist in Charge,* New York Steam Corporation, 416 East 36th Street, New York, N. Y.

Fish, Floyd Hamilton
(1937), *Professor of Analytical Chemistry,* Virginia Polytechnic Institute, Blacksburg, Virginia.

Fisher, Harry L.
(1936), *Research Chemist,* U. S. Industrial Alcohol Company, 41 Magee Avenue, Stamford, Conn.

Fisher, Henry
(1923), 16 East 96th Street, New York, N. Y.

Fishkind, David
(1924), *Plant Chemist,* Verona Chemical Company, 26 Verona Avenue, Newark, N. J.

Fiske, Augustus H.
(1936), *Chief Chemist,* Rumford Chemical Works, Rumford, R. I.

Fiske, Cyrus H.
(1936), *Professor of Biological Chemistry,* Harvard Medical School, Boston, Mass.

Flanders, Fred F.
(1936), *Chief of Purchase Laboratory,* Massachusetts Commission on Administration and Finance, Room 540A, State House, Boston, Mass.

Flaumenhaft, Irving
(1932), *President, Treasurer, and General Manager,* Lacquer and Chemical Corporation, 214 40th Street, Brooklyn, N. Y.

Fleck, E. M.
(1923), *President,* Vitro Manufacturing Company, Pittsburgh, Penna.

Flentge, Arthur C.
(1936), 176 Woodward Avenue, Buffalo, N. Y.

Fletcher, Robert J.
(1934), *Chemist,* Amalgamated Dye and Chemical Works, Inc., Newark, New Jersey.

Flick, Fulton B.
(1936), *Partner,* Brown, Critchlow & Flick, 1706 First National Bank Building, Pittsburgh, Penna.

Florsheim, Siegfried
(1930), *Chemist,* American British Chemical Supplies, 180 Madison Avenue, New York, N. Y.

Flueckinger, Arthur F.
(J.1936), *Teacher,* South Park High School No. 7, Buffalo, N. Y.

Foerster, Clemence
(1923), *Chemist,* Darling and Company, 4201 South Ashland, Chicago, Illinois.

Foote, Wilfred J.
(1925), *Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Ford, T. C.
(1936), *Vice-president,* American Asphalt Paint Company, 901 N. Greenwood Avenue, Kankakee, Ill.

Fort, Charles A.
(1923), *Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

Fortner, Louis R.
(J.1937), *Chemist in Charge of Analytical Laboratory,* Research Laboratories, Aluminum Ore Company, East St. Louis, Illinois.

Fosbinder, Russel J.
(1936), *Director of Research,* Maltbie Chemical Company, 250 High Street, Newark, N. J.

Francis, Alfred W.
(1936), *Research Chemist,* Socony-Vacuum Oil Company, Inc., Paulsboro, N. J.

Frascati, A. T.
(1937), *Technical Director,* Firmenich and Company, Inc., 135 Fifth Avenue, New York, N. Y.

Frear, George L.
(1936), *Associate Chemist,* Tennessee Valley Authority, Wilson Dam, Alabama.

Fredrickson, James A.
(1937), *Production and Technical Director,* John W. Masury and Son, 42-50 Jay Street, Brooklyn, N. Y.

Freedman, Ephraim
(1932), *Director,* Bureau of Standards, R. H. Macy and Company, Inc., New York, N. Y.

Freedman, Louis
(1923), *Director of Research, Assistant Technical Director,* U. S. Vitamin Corporation, 250 E. 43rd Street, New York, N. Y.

Freeland, E. C.
(1930), *Industrial Engineer,* W. R. Grace and Company, 7 Hanover Square, New York, N. Y.

French, Berlin C.
(A.1931), *Teacher of Chemistry,* North Quincy High School, Quincy, Massachusetts.

French, Dudley K.
(1938), *Engineering Chemist,* 503 Hawthorn Lane, Winnetka, Illinois.

French, Sidney J.
(1936), *Professor,* Colgate University, Hamilton, N. Y.

Freud, B. B.
(1936), *Professor of Chemistry and Dean of Evening Division,* Armour Institute of Technology, Chicago, Ill.

Freundlich, Leo
(1931), *Chief Chemist,* Hooton Chocolate Company, 351 North 5th Street, Newark, N. J.

Frey, Charles N.
(1936), *Director,* Fleischmann Laboratories, Standard Brands, Inc., 810 Grand Concourse, New York, New York.

Frezza, Herman
(1923), 115 East 102nd Street, New York, N. Y.

Friedman, Aaron
(1934), *Consulting Chemical Engineer,* 130 W. 42nd Street, New York, New York.

Friedman, Joseph S.
(1937), *Technical Director,* Color Processes, Inc., 480 Lexington Avenue, New York, N. Y.

Friedman, Maurice
(J.1937), *Research in Microanalytical Chemistry,* New York University Graduate School, 100 Washington Square East, New York, N. Y.

Friedman, Samuel
(J.1929), *Chemist,* Department of Water Supply, Gas, and Electricity of the City of New York, Ashokan, New York.

Fries, Harold H.
(1923), *Owner,* Fries Brothers, 92 Reade Street, New York, N. Y.

Froning, H. B.
(1936), *Head,* Departments of Chemistry and Chemical Engineering, University of Notre Dame, Notre Dame, Indiana.

Fuller, Donald L.
(A.1935), *Research Chemist,* American Cyanamid Company, Stamford, Connecticut.

Fuller, Henry C.
(1936), *Consulting Chemist,* 1835 Eye Street, N.W., Washington, D. C.

Fuller, Wayne R.
(1937), *Manager of Industrial Research,* Devoe and Raynolds Company, Inc., P. O. Box 328, Louisville, Kentucky.

Furman, N. H.
(1936), *Professor,* Frick Chemical Laboratory, Princeton University, Princeton, N. J.

G

Gabeler, William H.
(1937), *General Superintendent,* The Davison Chemical Corporation, Baltimore, Md.

Gale, Shirley Irving
(1931), *Chemical Supervisor,* Calco Chemical Company, Inc., Bound Brook, N. J.

Gardner, Henry Alfred
(1936), *President,* Gardner Laboratory, Washington, D. C.

Gardner, William Howlett
(1935), *Supervisor,* Shellac Research Bureau; *Research Professor of Chemical Engineering,* Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn, N. Y.

Gates, Julius J.
(1930), *Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, N. Y.

Gaub, John
(1923), *U. S. Storekeeper, Gauger,* United States Alcohol Tax Unit, U. S. Customs House, Philadelphia, Pennsylvania.

Gay, John Richard
(A.1937), *Research Associate,* American Petroleum Institute, Interior Building, Washington, D. C.

Geer, William C.
(1936), *Private Research,* 624 Highland Road, Ithaca, N. Y.

Geiger, Theodore H.
(A.1932), *Paper Technician,* Oxford Paper Company, Rumford, Maine.

Geist, H. H.
(1936), *Assistant Professor of Chemistry,* Pennsylvania State College, State College, Penna.

Gerges, Wesley R.
(1936), *Chief Chemical Engineer,* The Barrett Company, Margaret and Bermuda Streets, Philadelphia, Penna.

Germann, Frank E. E.
(1938), *Professor of Physical Chemistry,* University of Colorado, Boulder, Colorado.

Gesell, W. H.
(1923), *Vice-president,* Lehn and Fink Products Corporation, Bloomfield, N. J.

Gibbons, Vernette L.
(1938), *Professor,* Mills College, Department of Chemistry, Mills College, California.

Gibbons, Willis A.
(1936), *Director of Development,* U. S. Rubber Products, Inc., Passaic, New Jersey.

Giesy, Paul M.
(1924), *Associate Professor of Chemistry,* Newark College of Engineering, 367 High Street, Newark, N. J.

Gilbert, Henry I.
(1937), *Vice-president and General Manager,* Capitol Paint and Varnish Works, Inc., 47 Rodney Street, Brooklyn, N. Y.

Ginsburg, Joseph M.
(1937), *Biochemist in Entomology,* New Jersey Agricultural Experiment Station, New Brunswick, N. J.

Gnaedinger, Robert J.
(1936), *Research Chemist,* John A. Steen Varnish Company, 327 West 37th Street, Chicago, Illinois.

Goldin, Abraham S.
(J.1937), 540 - 39th Street, North Bergen, N. J.

Goldstein, Jacob C.
(1930), *Fur Dyer,* A. Hollander and Sons, Inc., 143 East Kinney Street, Newark, N. J.

Goldwater, William R.
(J.1937), 764 Trinity Avenue, New York, N. Y.

Gomila, Madeline C.
(J.1930), *Assistant City Chemist,* City Hall Annex, Sixth Floor, New Orleans, La.

Gooch, W. T.
(1938), *Head,* Department of Chemistry, Baylor University, Waco, Texas.

Goodman, John B.
(1937), *Assistant Engineer (Chemical),* U. S. Bureau of Reclamation, New Customhouse, Denver, Colorado.

Goodman, Leo A.
(1929), *Research Chemist in Charge Technical Operations,* Naturalux Products Corporation, 444 - 12th Street, Brooklyn, N. Y.

Gordon, A.
(J.1937), Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn, N. Y.

Gordon, Benedict
(1929), *Chemist,* Board of Transportation, 315th Street and 10th Avenue, New York, N. Y.

Gordon, Neil E.
(1929), *Chairman of the Department of Chemistry,* Central College, Fayette, Mo.

Gordon, Robert
(A.1937), *Partner,* Gordon - Lacey Chemical Products Company, 16-18 West 22nd Street, New York, N. Y.

Gordy, Edward L.
(A.1931), *Director of Research and Development,* W. C. Hardesty Company, Inc., Dover, Ohio.

Gortatowsky, Claude
(1935), *Research Chemist and Acting Assistant to Vice-president,* The Coca-Cola Company, 1215 East Fort Avenue, Baltimore, Maryland.

Goss, Marshall J.
(1931), *Associate Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Gottsch, Frank
(1929), *Fuel Engineering Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, N. Y.

Gould, Arthur B.
(1936), *Professor of Chemistry,* Salem College, Salem, West Virginia.

Gould, Howard W.
(1936), *Head,* Department of Physical Science, Northern Illinois State Teachers College, De Kalb, Illinois.

Grab, E. G.
(1923), *General Manager,* Adams Apple Products Corporation, Aspers, Adam County, Penna.

Graham, Minnie A.
(1937), *Professor of Physical Science,* Queens-Chicora College, Charlotte, North Carolina.

Grand, Joseph A.
(J.1936), 1301 Harvard St., N.W., Washington, D. C.

Granger, Frederic S.
(1932), *Chemist,* William M. Grosvenor Laboratories, Inc., 50 East 41st Street, New York, N. Y.

Grant, Robert J.
(1937), *Vice-president,* Young Aniline Works, Inc., 2701 Boston Street, Baltimore, Maryland.

Gray, George R.
(A.1930), *Research Engineer,* Humble Oil and Refining Company, Houston, Texas.

Gray, Harold
(1937), *Manager,* Tire Compounding & Development, B. F. Goodrich Company, Akron, Ohio.

Gray, Philip P.
(1928), *Chief Chemist,* Wallerstein Laboratories, 180 Madison Avenue, New York, N. Y.

Green, Leila S.
(J.1936), 1102 South Cherry Street, Canton, Ohio.

Greenberg, Abraham S.
(A.1929), *Assistant Patent Attorney,* R. C. A. Patent Department, 570 Lexington Avenue, New York, N. Y.

Greenberg, Irving W.
(1935), *Consulting Research Chemist,* American Aniline Products, Inc., 50 Union Square, New York, N. Y.

Greenstein, Leon
(J.1937), *Instructor in Chemistry,* College of the City of New York, New York, N. Y.

Greenup, Harold Wilson
(1935), *Research Chemist,* Firestone Tire and Rubber Company, Akron, Ohio.

Greiff, Lotti J.
(1936), *Acting Chairman of Science,* High School of Music and Art, 135th Street and St. Nicholas Terrace, New York, N. Y.

Griffin, Merle L.
(1935), *Senior Chemist,* Shell Petroleum Corporation, Wood River, Ill.

Griffin, S. W.
(1936), *Senior Chemist,* Bureau of Chemistry and Soils, Department of Agriculture, Washington, D. C.

Griffith, Ivor
(1925), *Chief Chemist,* John B. Stetson Company, Philadelphia, Pennsylvania.

Griffitts, Fred A.
(1937), *Professor of Chemistry,* Maryville College, Maryville, Tenn.

Grimshaw, Albert H.
(1923), *Professor, Textile Chemistry and Dyeing,* North Carolina State College, Raleigh, N. C.

Grodman, Benjamin
(1929), *Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, N. Y.

Gross, Charles E.
(1936), *Director of Research,* John Morrell and Company, Ottumwa, Iowa.

Grosvenor, William M.
(1926), *President,* W. M. Grosvenor Laboratories, Inc., 50 East 41st Street, New York, N. Y.

Grosz, Oliver
(1937), *Instructor,* Department of Chemistry, Catholic University of America, Washington, D. C.

Grothues, Carl
(J.1932), *Assistant Chemist,* William M. Grosvenor Laboratories, Inc., 50 East 41st Street, New York, New York.

Gruener, Hippolyte
(1937), *Professor of Chemistry,* Western Reserve University, Cleveland, Ohio.

Grunbaum, Max
(1929), *Consulting Organic Chemist,* 502 Washington Avenue, Brooklyn, New York.

Guest, Herbert H.
(1936), *Chief Chemist,* The J. B. Williams Company, Glastonbury, Conn.

Gurinsky, David
(J.1936), 629 Brookside Place, Plainfield, N. J.

Guy, J. Sam
(1936), *Professor of Chemistry,* Emory University, Emory University, Georgia.

H

Hackh, Ingo W. D.
(1936), *Professor of Chemistry,* College of Physicians and Surgeons, 344 - 14th Street, San Francisco, California.

Hafner, Fred H.
(J.1937), *Chemist,* 1142 Marine Trust Building, Buffalo, N. Y.

Haggerty, Cecil J.
(1936), *Professor of Chemistry,* Manhattanville College of the Sacred Heart, 133rd Street and Convent Avenue, New York, N. Y.

Haight, Margaret
(1929), Research Department, Royal Products Division of Standard Brands, Kent Avenue and Morton Streets, Brooklyn, N. Y.

Haines, Edward C.
(1936), *Chemist,* George D. Wetherill Varnish Company, Haddon Avenue and White Horse Pike, Camden, N. J.

Hale, D. R.
(1936), *Research Chemist,* R. C. A. Manufacturing Company, Inc., Harrison, N. J.

Hale, Frank E.
(1929), *Director of Laboratories,* Mt. Prospect Laboratory, 421 Flatbush Avenue, Brooklyn, N. Y.

Hale, William L.
(1936), *Chief Chemist,* The Debevoise Company, 968 Grand Street, Brooklyn, N. Y.

Hall, Albert L.
(1930), *Manager - Chemist,* Buffalo Testing Laboratories, Gerrans Building, Buffalo, N. Y.

Hall, Sydney H.
(1937), *Chief Chemist,* Control and Semi-plant Production, General Plastics, Inc., North Tonawanda, N. Y.

Halliday, Nellie
(1936), University of Rochester, School of Medicine, Rochester, N. Y.

Hamilton, W. F.
(1938), *Manager,* Production Development Department, Richfield Oil Corporation, Los Angeles, California.

Hamlin, Marston L.
(1935), *Research and Development,* The Barrett Company, 40 Rector Street, New York, N. Y.

Hammond, W. A.
(1936), *Associate Professor of Chemistry,* Antioch College; *Owner and Manager,* W. A. Hammond Drierite Company, 308 Dayton Street, Yellow Springs, Ohio.

Hamor, William A.
(1931), *Assistant Director,* Mellon Institute of Industrial Research, Pittsburgh, Penna.

Handy, John A.
(1936), *Department Manager and Buyer,* Larkin Company, Inc., 680 Seneca Street, Buffalo, N. Y.

Hanmer, H. Rupert
(1937), *Director of Research,* American Tobacco Company, Richmond, Va.

Hanson, Ernest R.
(1933), *Chief Chemist,* Halowax Corporation, 230 Grove Street, Bloomfield, N. J.

Harden, Wilton C.
(1937), *Chief Chemist,* Hynson, Westcott and Dunning, Inc., Baltimore, Md.

Hardin, D. B.
(A.1932), *Rayon Technical Assistant,* Rayon Division, E. I. duPont de Nemours and Company, Wilmington, Delaware.

Harding, William H.
(1937), *Head of Paper and Heavy Chemicals Department,* Technical Service Division, American Cyanamid Company, Stamford, Conn.

Harlan, Hal R.
(1937), *Technical Director,* Hal R. Harlan Associates, 2598 Taylor Street, San Francisco, Calif.

Harlan, W. R.
(1936), American Tobacco Company, Inc., Richmond, Va.

Harmer, Josiah P.
(1937), *President,* Harmer Laboratories, Inc., Lansdowne, Penna.

Harold, Joseph F. X.
(1929), *Chemist,* William M. Grosvenor Laboratories, Inc., 50 East 41st Street, New York, N. Y.

Harper, Henry Winston
(1936), *Professor of Chemistry, Dean Emeritus of the Graduate School,* The University of Texas, Austin, Texas.

Harper, Robert Brinton
(1936), *Vice-president,* The Peoples Gas Light and Coke Company, 122 South Michigan Avenue, Chicago, Ill.

Harrington, V. F.
(1937), *Research Chemist,* Boston Blacking and Chemical Company, Cambridge, Mass.

Harris, Benjamin R.
(1923), *Vice-president,* The Emulsol Corporation, 59 East Madison Street, Chicago, Ill.

Harris, Cecil K.
(J.1933), *Assistant Chemist,* Agricultural Experiment Station, University of Nevada, Reno, Nevada.

Harris, Hillman C.
(J.1935), 2149 California Street, N.W., Washington, D. C.

Harris, Joel S.
(1935), *Chemist,* Durite Plastics, Philadelphia, Penna.

Harrisson, Joseph W. E.
(1925), *Consulting Chemist,* LaWall and Harrisson, 214 South 12th Street, Philadelphia, Penna.

Hart, David
(1928), *Assistant Professor of Chemistry,* Brooklyn College, Brooklyn, New York.

Hart, H. B.
(1938), *Head,* Department of Chemistry, Jamestown College, Jamestown, North Dakota.

Hart, Ralph
(1932), *President and Chemical Director,* The Hart Products Corporation, 1440 Broadway, New York, New York.

Hartmann, Alfred E.
(J.1932), *Research Chemist,* Robert Rauh, Inc., 480 Frelinghuysen Avenue, Newark, N. J.

Hartung, Walter H.
(1936), *Professor of Pharmaceutical Chemistry,* School of Pharmacy, University of Maryland, Baltimore, Md.

Hartwig, Carl E.
(1929), *Consulting Chemist,* Manasquan, N. J.

Hawes, William W.
(1937), *Chemist,* Union Carbide and Carbon Research Laboratories, Inc., Niagara Falls, N. Y.

Hawk, Philip B.
(1929), *President,* Food Research Laboratories, Inc., 114 East 32nd Street, New York, N. Y.

Hayden, E. M.
(1937), *Technical Director, Vice-president and Secretary,* The Stanley Chemical Company, East Berlin, Connecticut.

Heck, Frank G.
(1938), *Research Engineer,* E. J. Lavino and Company, Box 29, Norristown, Penna.

Hedenburg, Oscar F.
(1937), *Industrial Fellow,* Mellon Institute of Industrial Research, Pittsburgh, Penna.

Hedges, C. C.
(1936), *Head of Department of Chemistry,* Agricultural and Mechanical College of Texas, College Station, Texas.

Heiligman, Harold A.
(1938), *Assistant Technical Director,* E. J. Lavino and Company, Norristown, Penna.

Heiser, Thomas G.
(1937), *Chief Chemist and Research Director,* Stein Davies Company, Inc., 11-35 - 48th Avenue, Long Island City, N. Y.

Heisler, John W.
(J.1935), *Analyst,* Continental Distilling Corporation, Front and Federal Streets, Philadelphia, Penna.

Heiss, Louis R.
(J.1935), *Salesman,* American Instrument Company, Inc., Silver Spring, Maryland.

Helfrich, John
(1929), *Consulting Chemist,* 391 Westfield Avenue, Westfield, N. J.

Helin, Arthur F.
(J.1936), 702 State Street, Watertown, N. Y.

Helm, E. B.
(1937), *Director of Research,* Industrial Rayon Corporation, Cleveland, Ohio.

Hemperly, William F.
(1936), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Henderson, James S.
(J.1936), *Analytical Chemist,* Royal Baking Powder Company, 62 Ninth Street, Brooklyn, N. Y.

Hendrix, B. M.
(1938), *Head,* Department of Chemistry, The University of Texas, Galveston, Texas.

Henry, G. F.
(1936), *Professor of Chemistry,* College of Puget Sound, Tacoma, Washington.

Henze, Henry R.
(1926), *Professor of Pharmaceutical Chemistry; Chairman,* Department of Chemistry, University of Texas, Austin, Texas.

Hermann, S. M.
(1923), *President and General Manager,* Apex Chemical Company, 225 West 34th Street, New York, N. Y.

Herr, Harold H.
(A.1931), *Teacher,* Teaneck High School, Teaneck, N. J.

Herrett, Wilbert A.
(A.1936), *Development Chemist,* National Aniline and Chemical Company, 351 Abbott Road, Buffalo, N. Y.

Hershey, J. Willard
(1933), *Professor of Chemistry,* McPherson College, McPherson, Kansas.

Hershfield, Harry
(A.1929), *Teacher of Chemistry*, George Washington High School, 192nd Street and Audubon Avenue, New York, N. Y.

Herstein, Karl M.
(1925), *President*, Herstein Laboratories, Inc., 18 East 41st Street, New York, N. Y.

Herty, Charles H.
(1926), *Director*, Pulp and Paper Laboratory, 510 West River Street, Savannah, Ga.

Hessel, Frederick A.
(1936), Riter and Company, 48 Wall Street, New York, N. Y.

Heuse, Edward O.
(1936), *Head of Chemistry Department*, Southern Methodist University, Dallas, Texas.

Hibben, James H.
(1933), *Consulting Physical Chemist, Research Physical Chemist*, Geophysical Laboratory, 2801 Upton Street, N.W., Washington, D. C.

Hill, A. Garrett
(1934), *Research Chemist*, Calco Chemical Company, Inc., Bound Brook, N. J.

Hill, Arthur E.
(1923), *Professor of Chemistry*, New York University, New York, N. Y.

Hill, Arthur J.
(1925), *Professor, Director of Sterling Chemistry Laboratory*, Yale University, New Haven, Conn.

Hill, Douglas G.
(1937), *Instructor in Chemistry*, Duke University, Durham, N. C.

Hill, W. H.
(1935), *Chemist*, American Cyanamid Company, Stamford, Conn.

Hill, William L.
(A.1931), *Assistant Chemist*, U. S. Department of Agriculture, Washington, D. C.

Hillman, William P., Jr.
(1929), *Chemical Engineer*, Du Pont Film Manufacturing Corporation, Parlin, N. J.

Hindley, Robert W.
(1923), U. S. Treasury Department, 1333 North Franklin Place, Milwaukee, Wisconsin.

Hirsch, Alcan
(1926), *President*, Hirsch Laboratories, 500 Fifth Avenue, New York, New York.

Hochstadter, Irving
(1926), *President*, Stillman and Van Siclen, Inc., and Hochstadter Laboratories, Inc., 254 West 31st Street, New York, N. Y.

Hochwalt, Carroll A.
(1936), *Research Director*, Thomas and Hochwalt Laboratories, Monsanto Chemical Company, Box 8, Station B, Dayton, Ohio.

Hodge, Hugh B., Jr.
(1937), *Development Chemist*, Lucidol Corporation, 293 Larkin Street, Buffalo, N. Y.

Hoffman, Harry A.
(1937), *Research Chemist*, Bakelite Corporation, 230 Grove Street, Bloomfield, N. J.

Hohman, Arthur J.
(1936), *Chairman*, Department of Chemistry, St. Peters College, Jersey City, N. J.

Hoke, Calm M.
(1923), *Consulting Chemist*, Jewelers' Technical Advice Company, 136 Liberty Street, New York, N. Y.

Holdt, Charles
(1938), *General Chemical Superintendent*, Condoroil and Paint S.A., Brasil Oiticica S.A., Avenido Barão de Teffé 94, Rio de Janeiro, Brazil.

Holland, Charles J.
(1932), *Patent Attorney*, 420 Lexington Avenue, New York, N. Y.

Holley, Kirk T.
(1935), *Chemist,* Georgia Experiment Station, Experiment, Georgia.

Hoover, Charles R.
(1933), *Professor of Chemistry,* Wesleyan University, Middletown, Connecticut.

Hopkins, B. S.
(1938), *Professor of Inorganic Chemistry,* University of Illinois, Urbana, Illinois.

Horn, David Wilbur
(1937), Consulting Chemical Laboratory, 616 Montgomery Avenue, Bryn Mawr, Penna.

Horn, William J.
(1926), 21 Walnut Street, Naugatuck, Connecticut.

Horsey, Robert E.
(1935), *Chief Chemist,* Mabrand Products, Inc., 47-44 - 31st Street, Long Island City, N. Y.

Hostetter, J. C.
(1936), *Vice-president in Charge of Research and Development,* Hartford-Empire Company, Hartford, Connecticut.

Hovey, Almon G.
(1936), *Director of Research,* Beck, Koller and Company, Inc., Ferndale Station, Detroit, Mich.

Howard, Henry
(1936), *Consulting Engineer,* Paradise Road, Newport, R. I.

Howard, Leo
(J.1932), *Production Manager,* Felton Chemical Company, Inc., 599 Johnson Avenue, Brooklyn, N. Y.

Howard, S. Francis
(1936), *Professor of Chemistry, Head of Department,* Norwich University, Northfield, Vermont.

Howe, Kenneth J.
(1936), *Vice-president,* Thibaut and Walker Company, 5-48 46th Road, Long Island City, New York.

Howland, George A.
(1936), *Market Research,* Tennessee Corporation, Atlanta, Ga.

Hubbard, W. S.
(1930), *Chief Chemist,* Schwarz Laboratories, Inc., 202 East 44th Street, New York, N. Y.

Hubbell, John P.
(1932), *Partner,* Singmaster and Breyer, 420 Lexington Avenue, New York, N. Y.

Huddle, Horace B.
(1937), *Professor of Chemistry,* State Teachers College, Johnson City, Tenn.

Huff, Wilbert J.
(1937), *Chief of Division,* Explosives Division, U. S. Bureau of Mines, Washington, D. C.

Hughes, William J.
(A.1929), *Chemist in Charge,* Kopfler's Laboratory, 823 Perdido Street, New Orleans, La.

Hultquist, Martin E.
(A.1935), *Research Chemist in Pharmaceutical Division,* Calco Chemical Company, Inc., Bound Brook, N. J.

Hummer, Richard W.
(J.1937), 4101 Harrison Street, N.W., Washington, D. C.

Humphrey, Bingham J.
(1935), *Research Chemist,* Firestone Tire and Rubber Company, Akron, Ohio.

Hunter, H. L.
(1938), *Associate Professor of Chemistry,* The Clemson Agricultural College, Clemson College, South Carolina.

Hussey, Robert E.
(1937), *Professor of Chemistry,* Virginia Polytechnic Institute, Blacksburg, Virginia.

Hutshing, Edwin E.
(1923), *Managing Director,* Pacific Wassermann Laboratories, 908 Flood Building, San Francisco, Calif.

Hyden, William L.
(1934), *Research Supervisor,* DuPont Rayon Company, Station B, Buffalo, New York.

I

Iddings, Carl
(1932), *In Charge Research and Development,* The Muralo Company, 570 Richmond Terrace, Staten Island, New York.

Ince, Joseph W.
(1937), *Head of Department of Chemistry, Professor,* Rhode Island State College, Kingston, R. I.

Ipatieff, V. N.
(1936), Universal Oil Products Company, 310 South Michigan Avenue, Chicago, Ill.

Isbell, Nevill
(1936), *Associate Professor of Chemistry,* Wake Forest College, Wake Forest, N. C.

Isenhour, L. L.
(1937), *Manager,* Pacific Coast Office, Rohm and Haas Company, Inc., P. O. Box 98, Oakland, Calif.

Ittner, Martin H.
(1936), *Chief Chemist,* Colgate-Palmolive-Peet Company, Jersey City, New Jersey.

J

Jackson, Daniel D.
(1931), *Executive Officer,* Department of Chemical Engineering, Columbia University, New York, N. Y.

Jackson, David H.
(1932), *Vice-president,* Croll-Reynolds Engineering Company, Inc., 17 John Street, New York, N Y.

Jackson, Kirby E.
(1930) Address wanted.

Jackson, Richard F.
(1937), *Senior Chemist,* National Bureau of Standards, Washington, D. C.

Jaffe, Leon
(1930), *Chemist,* Department of Health, 125 Worth Street, New York, New York.

Janer, Benjamin
(1923), *Consulting Chemist,* Employed by President Borough of Manhattan, Room 2125, Municipal Building, New York, N. Y.

Jay, Jacob
(1929), *Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, N. Y.

Jeffs, Bernard
(1926), *Chemist,* Reed and Carnrick, Jersey City, N. J.

Jehle, Joseph Francis
(J.1938), *Builder of Special Chemical Apparatus, Laboratory Analysis,* William M. Grosvenor Laboratories, 50 East 41st Street, New York, N. Y.

Jenness, Leslie G.
(1932), *Assistant Research Director,* Intermetal Corporation, 251 Doremus Avenue, Newark, N. J.

Jennings, Walter Louis
(1936), *Professor of Organic Chemistry, Director of the Department of Chemistry and Chemical Engineering,* Worcester Polytechnic Institute, Worcester, Mass.

Jensen, J. H.
(1936), *Head,* Department Physical Science, Northern State Teachers' College, Aberdeen, South Dakota.

Johns, Carl O.
(1937), *Chemical Consultant,* 1160 Fifth Avenue, New York, N. Y.

Johnson, Charles Morris
(1936), *Chief Chemist,* Crucible Steel Company of America, Pittsburgh, Pennsylvania.

Johnson, Charles W.
(1938), *Dean and State Chemist,* College of Pharmacy, University of Washington, Seattle, Washington.

Johnson, Edward S.
(1932), *Consultant,* 28 Woodbine Avenue, New Rochelle, N. Y.

Johnson, George H.
(1938), *Director of Research,* American Institute of Laundering, Joliet, Illinois.

Johnson, Mildred A.
(J.1930), *Chemist,* Steffen Biological Laboratories Inc., 40 E. 61st Street, New York, N. Y.

Johnson, Treat B.
(1924), *Sterling Professor of Chemistry,* Yale University, New Haven, Connecticut.

Jones, Franklin D.
(1929), *Consulting Chemist,* 122 Joanna Road, Llanerch, Upper Darby, Pennsylvania.

Jones, Hilton Ira
(1930), *Proprietor,* Hizone Products Company, 1211 Washington Street, Wilmette, Ill.

Jones, Judson W.
(A.1929), Company 1268, High Bridge, N. J.

Jones, Lauder W.
(1936), *Professor,* Princeton University, Princeton, N. J.

Jones, Paul H.
(J.1929), *Junior Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, New York.

K

Kabnick, Stuart
(1933), *President,* Lindley Laboratories, Inc., 21st and Delancey Streets, Philadelphia, Penna.

Kadishowitz, Milton
(J.1932), 538 Essex Street, Brooklyn, N. Y.

Kalisz, Joseph J.
(S.1936), *Student,* University of Alabama, University, Ala.

Kasper, John S.
(J.1937), *Graduate Student and Assistant,* Johns Hopkins University, Baltimore, Md.

Kaufmann, Ralph J.
(1938), *Head,* Department of Chemistry, The University of Tulsa, Tulsa, Oklahoma.

Keegan, Wilbur Vincent
(J.1936), *Research Chemist,* Ellis Laboratories, Inc., 92-98 Greenwood Avenue, Montclair, N. J.

Keiles, Elsa Orent
(1932), *Associate in Biochemistry,* School of Hygiene and Public Health, Johns Hopkins University, Baltimore, Maryland.

Keller, Alexander George
(1932), *Chief Chemist,* Graduate Hospital, University of Pennsylvania, Philadelphia, Penna.

Kelly, Regina
(J.1936), 152 Meade Avenue, Passaic, N. J.

Kenney, Frederick
(1929), Stevenson Road, Hewlett, New York.

Kessler, E. H.
(1937), *Consulting Chemist,* The Thresher Varnish Company, 1100 E. Monument Avenue, Dayton, Ohio.

Keyes, D. B.
(1929), *Professor of Chemical Engineering and Head of Division of Chemical Engineering,* University of Illinois, Urbana, Ill.

Kienle, Roy H.
(1933), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Kinard, Frederick William
(1930), *Instructor in Physiology,* Medical College of South Carolina, Charleston, S. C.

King, Charles Glen
(1933), *Professor of Chemistry,* University of Pittsburgh, Pittsburgh, Pennsylvania.

King, J. F.
(1936), *Professor of Chemistry,* Williams College, Williamstown, Massachusetts.

Kinstler, Milton C.
(J.1936), *Surveyor,* Park Department of City of New York, Corona Golf House, Queens, N. Y.

Kipness, Sol
(J.1935), *Chemist,* Steeplechase Pool, Coney Island, N. Y.

Kirby, George William
(1937), *Research Chemist,* Standard Brands, Inc., 810 Grand Concourse, New York, N. Y.

Kirk, Raymond E.
(1934), *Professor of Inorganic Chemistry, Head, Department of Chemistry,* Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn, New York.

Kirk, William
(1937), *Assistant Manager,* Dye Works, E. I. du Pont de Nemours and Company, Penns Grove, N. J.

Kirschbraun, L.
(1937), *Vice-president,* The Flintkote Company, East Rutherford, N. J.

Kittredge, Harvey G.
(1923), *President,* The Kay and Ess Company, The Kay and Ess Chemical Corporation, New Wrinkle, Inc., P. O. Box 968, Dayton, Ohio.

Klarmann, Emil
(1933), *Chief Chemist,* Lehn and Fink, Inc., Bloomfield, N. J.

Kline, Harry
(1936), *Research and Development Chemist,* Bakelite Corporation, Bound Brook, N. J.

Klipstein, Kenneth H.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Knight, B. H.
(1929), *Consulting Chemist,* 50 East 41st Street, New York, N. Y.

Knight, Henry G.
(1923), *Chief,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Knowland, Daniel P.
(1929), *Chemist,* Geigy Company, Inc., 89 Barclay Street, New York, New York.

Knowles, Chester L.
(1937), *Chemical Sales Director,* The Dorr Company, Inc., New York, New York.

Koch, Wilmer H.
(1937), *Works Chemist,* Niagara Operations, Mathieson Alkali Works, Inc., 2400 Buffalo Avenue, Niagara Falls, N. Y.

Koenig, E. W.
(A.1937), *Director of Research,* Consolidated Feldspar Corporation, Erwin, Tennessee.

Koenig, Walter J.
(1937), *Chief Chemist,* Sloane Blabon Corporation, Box 401, Trenton, N. J.

Koethen, Frederick L.
(1935), *Chemical Engineer,* R. and H. Chemical Division, E. I. du Pont de Nemours and Company, Niagara Falls, N. Y.

Koffler, Joseph
(1923), *Owner and Director of Dr. J. Koffler's Chemical and Bacteriological Laboratory,* 787 Prospect Avenue, New York, N. Y.

Kofke, Harry C.
(1932), *Consulting Chemist,* 235 Dock Street, Philadelphia, Penna.

Kohn, Oscar
(J.1930), *Junior Chemist,* Employed by Borough of Queens, Long Island City, N. Y.

Kokatnur, Vaman R.
(1926), *Vice-president and Director of Research,* Autoxygen, Inc., 114 East 32nd Street, New York, N. Y.

Kopecky, Ferdinand F. E.
(1931), 3707 Meramec Street, St. Louis, Mo.

Kosches, Norris R.
(A.1925), *Teacher,* Lyndhurst High School, Lyndhurst, N. J.

Kraemer, Elmer O.
(1937), *Group Leader,* Experimental Station, E. I. du Pont de Nemours and Company, Wilmington, Del.

Kranich, Herbert
(1930), *President,* Kranich Soap Company, Inc., 54-60 Richards Street, Brooklyn, N. Y.

Krasnow, Frances
(1930), *Assistant Director, Head Department of Biochemistry,* Guggenheim Dental Clinic, School for Dental Hygiene, 422 East 72nd Street, New York, N. Y.

Kraus, Charles A.
(1930), *Research Professor of Chemistry,* Brown University, Providence, Rhode Island.

Krause, Arlington C.
(1931), *Surgeon and Chemist,* University of Chicago, 950 East 59th Street, Chicago, Illinois.

Krauss, Victor P.
(1923), *Consulting Chemical Engineer,* 4137 - 171st Street, Flushing, New York.

Krieble, Vernon K.
(1935), *Professor of Chemistry,* Trinity College, Hartford, Conn.

Kritchevsky, Wolf
(1923), *Chemical Director and Treasurer,* Rit Products Company, 1401 W. Jackson Boulevard, Chicago, Ill.

Kroner, Albert J.
(A.1923), *Head of Science Department,* Teaneck High School, Teaneck, New Jersey.

Krumbhaar, William
(1936), *Vice-president in Charge of Technical Development,* Beck, Koller and Company, Inc., 601 Woodwood Heights Boulevard, Ferndale Station, Detroit, Mich.

Kurtz, Jacob
(1931), *Treasurer and General Sales Manager,* Callite Products Company, 540-39th Street, Union City, N. J.

L

Lacey, H. T.
(1932), *Research Chemist,* Calco Chemical Company, Bound Brook, New Jersey.

LaCraft, Dail C.
(A.1936), *Superintendent of Pyrocide Plant,* McLaughlin, Gormley, King Company, Minneapolis, Minn.

Landau, Samuel
(1929), *Director and Owner,* Concourse Clinical and Chemical Laboratory, 50 East Kingsbridge Road, New York, N. Y.

Landolt, P. E.
(1936), *Chief Engineer,* C. S. Sale and Company, 17 John Street, New York, N. Y.

Lane, Walter J.
(1924), *Chemist,* 319 Morrell Place, Johnstown, Penna.

Lang, Louis
(1929), *Chief Chemist,* Edgewater Refinery, National Sugar Refining Company, Edgewater, N. J.

Lange, Alfred R.
(1937), *General Manager,* Sulflo Corporation of America, Elizabeth, N. J.

Lange, Norbert Adolph
(1936), Handbook Publishers, Inc., Sandusky, Ohio; *Teacher,* Western Reserve University, Cleveland, Ohio.

Lansing, Arthur C.
(1923), *Distillery Chemist,* Commercial Solvents Corporation, Terre Haute, Ind.

Latshaw, W. L.
(1938), *Director,* Agricultural Department, United States Smelting Refining and Mining Company, Salt Lake City, Utah.

Lauer, Luther M.
(1936), *Research Chemist,* National Aniline and Chemical Company, 351 Abbott Road, Buffalo, N. Y.

Lauffer, Paul G. I.
(1936), *Production Manager,* George W. Luft Company, 3412—36th Avenue, Long Island City, N. Y.

Laury, N. A.
(1928), *Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Lavine, Irvin
(1938), *Professor of Chemical Engineering,* The University of North Dakota, Grand Forks, North Dakota.

Lawellin, Samuel J.
(1923), *Cereal Chemist,* Wallace and Tiernan, Inc., Newark, N. J.

Lawler, William P.
(J.1937), *Analytical Chemist,* Nichol Copper Company, Laurel Hill, Maspeth, L. I., New York.

Lawrence, W. Stanley
(1929), *Research Chemist,* Kaumagraph Company, 200 Varick Street, New York, N. Y.

Lawton, L. M.
(1934), *Chief Chemist,* Harrison Division of General Motors, Walnut and Washburn Streets, Lockport, New York.

Leatherman, Martin
(A.1929), *Associate Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

LeClerc, J. A.
(1938), *Senior Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Lee, Alan Porter
(1932), *Consulting Engineer,* Alan Porter Lee, Inc., 136 Liberty Street, New York, N. Y.

Lee, Ralph E.
(1923), *Director,* Department of Applied Research, Standard Brands, Inc., 595 Madison Avenue, New York, N. Y.

Leigh, Townes R.
(1935), *Dean,* College of Arts and Sciences; *Head,* Department of Chemistry; *Acting Vice-president,* University of Florida, Gainesville, Florida.

Leinau, Roberts, Jr.
(1923), *Rancher,* P. O. Box 836, Riverside, Calif.

Lenher, Samuel
(1936), *Technical Advisor,* E. I. du Pont de Nemours and Company, Inc., Wilmington, Del.

Lenihan, Patrick J.
(A.1929), *Chemist,* Board of Transportation, 250 Hudson Street, New York, N. Y.

Leonard, Clifford Shattuck
(1936), *Chemist-pharmacologist,* 615 Springfield Avenue, Summit, New Jersey.

Lesuk, Alexander
(J.1936), *Graduate Student,* Yale University, New Haven, Conn.

Levinson, Sydney B.
(1937), *President,* Industrial Consulting Laboratories, Inc., 128 Water Street, New York, N. Y.

Levitt, Benjamin
(1924), *Chief Chemist,* Charles W. Young and Company, 1247 N. 26th Street, Philadelphia, Penna.

Levy, Samuel C.
(1923), Address Wanted.

Lewis, George Arthur
(1938), *General Superintendent,* L. Martin Company, 45 East 42nd Street, New York, N. Y.

Lewis, Henry R.
(1938), *Chief Chemist,* E. J. Lavino and Company, Sheridan, Lebanon County, Penna.

Licata, Francis J.
(1936), *Chief Chemist,* Metasap Chemical Company, Harrison, N. J.

Lichtin, James J.
(1923), *Chemist,* Verona Chemical Company, 26 Verona Avenue, Newark, N. J.

Light, Robert F.
(1936), *Assistant to Director, Research Chemist,* The Fleischmann Laboratories, 810 Grand Concourse, New York, N. Y.

Ligoure, Joseph T.
(J.1937), *Student,* Pratt Institute, Brooklyn, N. Y.

Lindenthal, Walter H.
(1936), *Chemist,* Bakelite Corporation, Bound Brook, N. J.

Linder, Henry L.
(S.1935), *Laboratory Assistant,* Monsanto Chemical Company, Monsanto, Illinois.

Lindfors, K. R.
(1923), *General Chemist,* Michigan Sugar Company, Second National Bank Building, Saginaw, Mich.

Lindow, Carl W.
(1936), *Director of Research,* Kellogg Company, Battle Creek, Mich.

Lindwall, Harry G.
(1932), *Associate Professor of Chemistry,* New York University, University Heights, New York, N. Y.

Linville, Clarence P.
(1925), *Metallurgist and Chemist,* Calco Chemical Company, Bound Brook, N. J.

Linz, Arthur
(1936), *Chemical Engineer,* Climax Molybdenum, 500 Fifth Avenue, New York, N. Y.

Lipton, William J.
(1929), *Chemist,* Department of Health, City of New York, 125 Worth Street, New York, N. Y.

Little, Ernest
(1936), *Dean,* College of Pharmacy of Rutgers University, 1 Lincoln Avenue, Newark, N. J.

Littleton, Leonidas R.
(1936), *Professor of Chemistry,* Emory and Henry College, Emory, Virginia.

Livingston, Ernest
(J.1930), *Fellow,* Brooklyn College,

Bedford Avenue and Avenue H, Brooklyn, N. Y.

Lloyd, Stewart J.
(1923), *Dean of the School of Chemistry,* University of Alabama, University, Ala.

Lochte, H. L.
(1938), *Associate Professor,* University of Texas, Austin, Texas.

Locke, Arthur Preston
(1937), *Research Biochemist,* West Penn Hospital, Pittsburgh, Penna.

Lomanitz, S.
(1938), *Analytical and Consulting Chemist,* General Laboratories, Oklahoma City, Okla.

Lombardo, Joseph B.
(1936), *Standardization Chemist,* Calco Chemical Company, Bound Brook, N. J.

Long, Norman O.
(A.1935), *Instructor in Chemistry,* South Dakota State College, Brookings, S. D.

Lontz, John F.
(A.1932), 119 Elm Avenue, Burlington, N. J.

Looker, C. D.
(1937), *Director of Research,* Manufacturing Department, International Salt Company, Inc., Ithaca, N. Y.

Lotz, Paul L.
(1936), *Technical Director,* Socony Paint Products Company, 26 Broadway, New York, N. Y.

Lougee, F. Marion
(1936), *Professor of Chemistry,* Keuka College, Keuka Park, N. Y.

Lourie, Harry L.
(1923), *Special Expert,* Associated Alcoholic Beverage Importers, 700 National Press Building, Washington, D. C.

Lowenstein, Gabriel A.
(1933), *Scientific Director,* 225 West 34th Street, New York, N. Y.

Lowy, Alexander
(1937), *Professor of Organic Chemistry,* University of Pittsburgh, Pittsburgh, Penna.

Luchins, M. M.
(A.1936), *Chemist,* 722 East 6th Street, New York, N. Y.

Lukash, John G.
(1937), *Research Chemist,* H. Kohnstamm and Company, New York, New York.

Lukens, Hiram S.
(1925), *Acting Dean,* Towne Scientific School; *Director,* Department of Chemistry and Chemical Engineering, Harrison Laboratory, University of Pennsylvania, Philadelphia, Penna.

Lundstrom, Frank O.
(1928), *Assistant Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Lurie, William
(J.1937), *Chemist,* 567 Fox Street, New York, N. Y.

Lusskin, Abraham
(1937), *Superintendent,* Everseal Manufacturing Company, 475 Broad Avenue, Ridgefield, N. J.

Lynch, D. F. J.
(1928), *Chief Chemist,* Agricultural By-products Laboratory, U. S. Department of Agriculture, Ames, Iowa.

Lynch, Joseph H.
(J.1937), Niagara University, Niagara Falls, N. Y.

Lythgoe, Hermann C.
(1936), *Director,* Food and Drug Division, Massachusetts Department of Public Health, 524 State House, Boston, Mass.

M

MacDonald, Neil F.
(1935), 3816 South Ellis Avenue, Chicago, Ill.

MacElwee, Irwin R.
(1936), *Assistant Superintendent,* Congoleum-Nairn, Inc., Marcus Hook, Penna.

Mack, Darrel E.
(J.1936), *Research Chemist,* Niacet Chemicals Corporation, Niagara Falls, New York.

Mack, Pauline Beery
(1936), *Professor of Textile Chemistry,* The Pennsylvania State College, State College, Penna.

Mackay, G. M. J.
(1934), *Director of Research,* American Cyanamid Company, Stamford, Connecticut.

Mackenzie, K. G.
(1937), *Manager,* Technical Division, The Texas Company, 135 East 42nd Street, New York, N. Y.

Mackey, Robert John
(A.1929), Address Wanted.

Mackintosh, James H.
(1924), *Chemist,* Seamless Rubber Company, New Haven, Conn.

MacMullen, Clinton W.
(A.1936), *Research Organic Chemist,* Rohm and Haas Company, Philadelphia, Penna.

Macormac, Alfred R.
(A.1929), *Professor of Textile Chemistry,* Alabama Polytechnic Institute, Auburn, Ala.

Macy, Icie G.
(1936), *Director,* Research Laboratory, Children's Fund of Michigan, 660 Frederick Street, Detroit, Mich.

Mader, William J.
(A.1936), *Organic Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Maisner, Herman
(1924), *Research Engineer,* The M. W. Kellogg Company, 225 Broadway, New York, N. Y.

Malisoff, W. M.
(1937), *Consultant,* American Molasses Company, 120 Wall Street, New York, N. Y.

Mandel, Hyman J.
(A.1933), *Chemist,* The Warner Laboratories, 21 Baldwin Street, Newark, N. J.

Manka, Dan Paul
(S.1936), *Student,* Valparaiso University, Valparaiso, Ind.

Manwaring, Frederick G.
(1923), *Chemist,* Pepsi-Cola Company, 47-51—33rd Street, Long Island City, N. Y.

Margolin, Mordecai
(1929), *Chemist,* Central Testing Laboratories, 480 Canal Street, New York, N. Y.

Margolis, Morris
(A.1935), *Junior Chemist,* Employed by Borough President of Manhattan, Room 2125, Municipal Building, New York, N. Y.

Mark, Jacob Greenwood
(1937), *Research Executive,* Dewey and Almy Chemical Company, Cambridge, Mass.

Markley, K. S.
(1936), *Senior Chemist in Charge of Oil Section,* U. S. Regional Soy Bean Laboratory, Bureau of Chemistry and Soils, University of Illinois, Urbana, Illinois.

Markovits, Theodore
(1929), *President,* George M. Beringer, Inc., 1251 Sycamore Street, Camden, N. J.

Marks, Lewis H.
(1932), *President,* Continental Distilling Corporation, 260 South Broad Street, Philadelphia, Penna.

Markwood, Louis N.
(1925), *Associate Chemist,* U. S. Department of Agriculture, Washington, District of Columbia.

Marlies, Charles A.
(1929), *Assistant Professor,* College of the City of New York, N. Y.

Marsiglio, E. F.
(1923), *Director of Research,* J. T. Baker Chemical Company, Phillipsburg, N. J.

Martin, James B.
(1927), *Assistant Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

Martino, Lawrence C.
(J.1938), *Control Chemist,* Lever Brothers Soap Manufacturing Company, Cambridge, Mass.

Mason, Thomas W.
(1936), *Associate Professor of Analytical Chemistry,* Pennsylvania State College, State College, Penna.

Matthews, Frederick Lawrence, Jr.
(J.1936), *Assistant in Chemistry,* Columbia University, New York, N. Y.

Matthews, Norris W.
(1923), *Chemist,* Burrough Brothers Manufacturing Company, Baltimore, Maryland.

Mattiello, Joseph
(1936), *Technical Director,* Hilo Varnish Corporation, 42 Stewart Avenue, Brooklyn, N. Y.

Maxson, Robert Nelson
(1937), *Professor of Inorganic Chemistry and Head of the Department,* University of Kentucky, Lexington, Kentucky.

May, Orville E.
(1928), *Principal Chemist and Director,* Regional Soy Bean Laboratory, U. S. Department of Agriculture, Urbana, Ill.

McBurney, John W.
(1923), *Senior Technologist,* National Bureau of Standards, Washington, District of Columbia.

McClellan, Paul P.
(1935), *Research Chemist,* American Cyanamid Company, Stamford, Conn.

McClure, Harry B.
(1931), Technical Division, Carbide and Carbon Chemicals Corporation, 30 East 42nd Street, New York, New York.

McCrackan, Robert F.
(1937), *Associate Professor of Chemistry,* Medical College of Virginia, Richmond, Va.

McCullough, Kenneth V.
(1936), *Chemist,* Bakelite Corporation, 230 Grove Street, Bloomfield, New Jersey.

McDermott, Frank A.
(1936), *Chemical Superintendent,* Deepwater Alcohol Plant, E. I. du Pont de Nemours and Company, P. O. Box 746, Wilmington, Del.

McDonnell, John N.
(1937), *Assistant Professor in Pharmacy,* Philadelphia College of Pharmacy and Science, 43rd Street and Kingsessing Avenue, Philadelphia, Penna. *Editor,* "American Professional Pharmacist," 95 Nassau Street, New York, N. Y.

McDonnell, Joseph F., Jr.
(1937), *Chief Chemist, Director of the Laboratory,* Commonwealth of Pennsylvania, State Board of Pharmacy, Harrisburg, Penna.

McGinn, Charles E., Jr.
(J.1937), *Student,* University of Virginia, University, Va.

McGrath, Francis P.
(J.1935), *Assistant in Chemistry,* Georgetown University, Washington, District of Columbia.

McHargue, J. S.
(1923), *Acting Head of Department of Chemistry,* Kentucky Agricultural Experiment Station, Lexington, Ky.

McKim, Walter A.
(1936), *Technical Adviser to Sales,* Pittsburgh Plate Glass Company, 2 Chester Avenue, Newark, N. J.

McLachlan, Robert W.
(1937), *Assistant Professor of Chemistry and Physics,* New Jersey State Teachers' College, Upper Montclair, New Jersey.

McLaren, James A.
(1937), *Assistant Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

McLaughlin, George D.
(1938), *Director* of B. D. Eisendrath Memorial Laboratory, Racine, Wisconsin.

Meade, George P.
(1936), *Manager,* Colonial Sugars Company, Gramercy, La.

Medcalf, Eugene C.
(A.1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Meharg, Virgil E.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Mehring, Arnon L.
(1925), *Associate Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Mehurin, Roger M.
(1927), *Associate Chemist,* Bureau of Animal Industry, U. S. Department of Agriculture, Washington, D.C.

Meier, Frank A.
(1937), *Chief Chemist,* The American Platinum Works, Newark, N. J.

Meigs, Joseph V.
(1930), *Patent Lawyer,* 141 Broadway, New York, N. Y.

Meiklejohn, R. M.
(1923), *Assistant Director of Operations,* General Chemical Company, 40 Rector Street, New York, N. Y.

Meister, Heinrich
(1932), *Chemist,* Wallerstein Company, 125 Lake Avenue, Mariners Harbor, Staten Island, N. Y.

Mellon, M. G.
(1936), *Professor of Analytical Chemistry,* Purdue University, Lafayette, Ind.

Meltsner, M.
(1936), *Associate Professor of Chemistry,* College of the City of New York, N. Y.

Mendelsohn, Simon
(1937), *Chief Chemist,* The Snow King Baking Powder Company, 4330 Durham Avenue, Winton Place, Cincinnati, Ohio.

Meredith, Howard J.
(1938), *Chief Chemist,* Koppers Company, Seaboard Division, Kearny, New Jersey.

Merigold, Benjamin S.
(1936), *Professor of Chemistry,* Head of the Department, Clark University, Worcester, Mass.

Merkle, George E.
(1923), *Manager and Technical Director,* Fiske Brothers Refining Company, 129 Lockwood Street, Newark, New Jersey.

Merminod, Gaston G.
(1930), *Chemist,* Continental Baking Corporation, 168—23 Douglas Street, Jamaica, L. I.

Merz, Albert R.
(1925), *Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Merz, August
(1932), *Vice-president,* Calco Chemical Company, Inc., Bound Brook, New Jersey.

Merzbacher, Aaron
(1929), *Chief Chemist,* Henry Dissston and Sons, Inc., Tacony, Philadelphia, Penna.

Metro, Francis G.
(1935), *Chief of Research Department, (Technical Director)* Porter Chemical Company, Hagerstown, Md.

Metz, Gustave P.
(1924), *Production Manager,* Winthrop Chemical Company, 33 Riverside Avenue, Rensselaer, N. Y.

Meyer, Fred L.
(1923), *Owner,* J. Meyer and Sons, 4321 No. 4th Street, Philadelphia, Pennsylvania.

Meyer, Martin
(1936), *Acting Chairman of Department of Chemistry,* Brooklyn College, Avenue H and Bedford Avenue, Brooklyn, N. Y.

Miller, Gustave M.
(1929), *Chemist in Charge of Laboratory,* Employed by President Borough of Queens, Borough Hall, Long Island City, N. Y.

Miller, Isador
(1932), *Chemist,* William M. Grosvenor Laboratories, Inc., 50 East 41st Street, New York, N. Y.

Miller, Meredith R.
(1923), *Chemist,* Agricultural Experiment Station, University of Nevada, Reno, Nevada.

Miller, Sidney E.
(A.1936), *Research Chemist,* General Mills, Inc., 2010 E. Hennepin, Minneapolis, Minn.

Milne, Theodore R.
(1935), *Research Chemist,* DuPont Rayon Company, Station B, Buffalo, New York.

Minrath, William R.
(1929), *Advertising Manager,* D. Van Nostrand Company, Inc., 250 Fourth Avenue, New York, N. Y.

Moerke, Georgine A.
(1938), *Chemist,* City of Detroit Department of Health, William H. Maybury Sanatorium, Northville, Michigan.

Molinari, Vittorio
(1936), *Chemist,* Bakelite Corporation, Bound Brook, N. J.

Molnar, Nicholas M.
(1936), *Director,* Molnar Laboratories, 211 East 19th Street, New York, N. Y.

Monroe, C. J.
(1936), *Associate Professor of Physical Chemistry,* School of Mines and Metallurgy, University of Missouri, Rolla, Mo.

Montgomery, Jack P.
(1923), *Professor of Organic Chemistry,* University of Alabama, University, Ala.

Monvid-Jerzykowicz, George
(1935), *Research Chemist,* National Aniline and Chemical Company, 351 Abbott Road, Buffalo, N. Y.

Moody, Herbert R.
(1924), *Professor of Chemistry and Director of Laboratories,* College of the City of New York, New York.

Moore, Charles G.
(1936), *Research Chemist,* Nubian Paint and Varnish Company, 1856 N. Leclaire Avenue, Chicago, Ill.

Moore, L. P.
(A.1937), *Head, Paint and Varnish and Miscellaneous Industrial Chemicals Divisions* of the Technical Service Laboratories, American Cyanamid Company, Stamford, Conn.

Moore, Maurice L.
(A.1936), *Organic Research Chemist,* Sharpe and Dohme, Inc., Technical Division, Glenolden, Penna.

Moore, Robert J.
(1923), *Development Manager,* Varnish-Resin Division, Bakelite Corporation, Bloomfield, N. J.

Moore, Walter J.
(J.1937), 310 W. 79th Street, New York, N. Y.

Morgan, Charles E.
(1935), *Chief Chemist,* New York State Racing Commission Laboratories, 157 Chambers Street, Room 1105, New York, N. Y.

Morgan, David P.
(1928), *Analyst,* Scudder, Stevens, and Clark, 1 Wall Street, New York, New York.

Morgan, Willard L.
(1936), *Research Director,* Arnold Hoffman Company, Providence, Rhode Island.

Morrell, Jacque C.
(1935), *Associate Director of Research,* Universal Oil Products Company, 310 S. Michigan Avenue, Chicago, Ill.

Morris, V. N.
(1935), *Research Supervisor,* Resinous Products and Chemical Company, Philadelphia, Penna.

Moseley, Hal W.
(1926), *Professor of Chemistry and Head of the Department of Chemistry,* Tulane University, New Orleans, La.

Moser, Frank H.
(1937), *Research and Development Chemist,* National Aniline and Chemical Company, Buffalo, N. Y.

Mourane, J. H.
(1937), *Professor of Chemistry,* High Point College, High Point, N. C.

Muer, Henry F.
(1929), *Chemist in Charge of Laboratory,* Department of Water Supply, Gas and Electricity, 421 Flatbush Avenue, Brooklyn, N. Y.

Muhs, Edward J.
(1929), *Chemist,* The Chemical Foundation, Inc., 654 Madison Avenue, New York, N. Y.

Mullin, Charles E.
(1923), *Proprietor,* 111 Fourth Street, Huntingdon, Penna.

Munn, Lottie E.
(1936), *Professor of Chemistry,* Lake Erie College, Painesville, Ohio.

Munro, Wendell P.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Murphy, George B.
(1936), *Manager Research and Development Laboratories,* Universal Oil Products Company, Riverside, Illinois.

Murphy, Walter J.
(1934), 27 Van Nostrand Court, Little Neck, L. I., N. Y.

Muskat, Irving E.
(1937), *Research Director,* Pittsburgh Plate Glass Company, Columbia Chemical Division, Barberton, Ohio.

Mutersbaugh, Gordon H.
(1936), *Superintendent,* The Glidden Company, Cleveland, Ohio.

N

Nash, Francis O'D.
(1923), *Associate Chemist,* U. S. Navy Yard, Philadelphia, Penna.

Neidle, Marks
(1929), *President, Chemist,* Time-proof Paint Products, Inc., 40 Richards Street, Brooklyn, N. Y.

Neiman, Howard S.
(1923), *Patent Attorney; Editor,* "Textile Colorist", 233 Broadway, New York, N. Y.

Nelson, Harley A.
(1936), *Assistant to General Manager,* Technical Department, New Jersey Zinc Company, Palmerton, Penna.

Nelson, Henry H.
(1937), 127 Second Street, Fanwood, New Jersey.

Nelson, W. K.
(1938), *Senior Research Chemist,* Shell Petroleum Corporation, Wood River, Illinois.

Nelson, Walter K.
(A.1931), *Research Chemist,* National Lead Company, Titanium Division, Box 58, South Amboy, N. J.

Newitt, Lewis D.
(1929), 639 Penfield Avenue, Upper Darby, Penna.

Newman, Harry T.
(1930), *Chemist,* Central Testing Laboratories, 480 Canal Street, New York, N. Y.

Newmark, Samuel
(1927), *Vice-president,* Stillman and Van Siclen, Inc., 254 West 31st Street, New York, N. Y.

Newton, Harry Paul
(1936), *Associate Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Nice, Paul S.
(1923), *Chemical Engineer and Bacteriologist,* 1237 Race Street, Denver, Colorado.

Nichols, M. Starr
(1923), *Chief Chemist and Assistant Bacteriologist,* State Laboratory of Hygiene, Madison, Wisconsin. Also *Lecturer in Sanitary Engineering,* and *Assistant Professor of Sanitary Chemistry* at the University of Wisconsin.

Nicolet, Ben H.
(1937), *Senior Chemist,* Bureau of Dairy Industry, U. S. Department of Agriculture, Beltsville, Md.

Nicoll, John M.
(A.1930), *Chemist,* American Can Company, Research Department, Maywood, Ill.

Noble, Royce J.
(1937), *Consultant,* 21 Woodland Road, Malden, Mass.

Noble, Wesley Moulton
(J.1937), *Junior Chemist,* U. S. Geological Survey, Department of the Interior, Washington, D. C.

Nonamaker, Frederick C.
(1927), *Research Chemist,* Furness Corporation, Gloucester, N. J.

Northcutt, Robert T.
(1929), *Director,* Northjohn Corporation, Lincoln, N. J.

Northey, E. H.
(A.1932), *Divisional Chemist—Pharmaceuticals,* Calco Chemical Company, Bound Brook, N. J.

Norton, A. R.
(1925), *Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Norton, Arthur J.
(1933), *Chemical Director,* Detroit Paper Products Company, Detroit, Michigan.

Norton, John T., Jr.
(1937), *Chief Chemist,* Ludlum Steel Company, Watervliet, N. Y.

Novak, I. J.
(1937), *Chief Chemist,* The Raybestos Division of Raybestos-Manhattan, Inc., Bridgeport, Conn.

O

Obold, Walter L.
(1931), *Head of Department of Biological Sciences,* Drexel Institute, Philadelphia, Penna.

O'Brien, William B.
(1937), *Director of Chemical Research,* The Dodge Chemical Company, 656 Beacon Street, Boston, Massachusetts.

Odell, John S.
(A.1935), *Assistant Chemist,* New York State Racing Commission Laboratory, 157 Chambers Street, New York, N. Y.

Ogg, Earl F.
(1936), *Assistant Chemist,* Tennessee Valley Authority, Wilson Dam, Alabama.

O'Leary, Lawrence A.
(1936), *Research Chemist,* W. P. Fuller Company, 301 Mission Street, San Francisco, Calif.

Olney, Louis A.
(1937), *Director of Chemistry and Dyeing Department,* Lowell Textile Institute, Lowell, Mass. Also *Editor* "American Dyestuff Reporter."

Omohundro, A. L.
(1936), *Director of Plant and Laboratories,* McKesson and Robbins, Inc., Bridgeport, Conn.

Opolonick, Nicholas
(A.1929), 26 East 120th Street, New York, N. Y.

Orelup, John W.
(1928), *President,* Patent Chemicals, Inc., 57 Wilkinson Avenue, Jersey City, New Jersey.

Oser, Bernard L.
(1929), *Director,* Food Research Laboratories, Inc., 114 East 32nd Street, New York, N. Y.

Oser, Mona
(1930), *Biochemist,* Food Research Laboratories, Inc., 114 East 32nd Street, New York, N. Y.

Osol, Arthur
(1937), *Professor of Chemistry,* Philadelphia College of Pharmacy and Science, 43rd Street and Kingsessing Avenue, Philadelphia, Penna.

P

Padlon, Joseph F.
(1925), *Patent Lawyer,* 15 Park Row, New York, N. Y.

Paley, Charles
(1935), *Chemist in Charge,* Certified Laboratories, Inc., 19 Hudson Street, New York, N. Y.

Palmer, Henry F.
(1936), *Chief Chemist,* Xylos Rubber Company, Akron, Ohio.

Parks, Harold C.
(1936), *Laboratory Chief,* Devoe-Raynolds Company, Inc., 34 Oliver Street, Newark, N. J.

Parks, W. B.
(1936), *Professor of Chemistry,* Kansas State Teachers' College, Pittsburg, Kansas.

Pastene, A. J.
(1923), *Chemist,* Monsanto Chemical Works, St. Louis, Mo.

Patch, Richard H.
(1937), *Vice-president and Treasurer,* E. F. Houghton and Company, 240 W. Somerset Street, Philadelphia, Pennsylvania.

Patton, Leicester
(1937), *Consulting Chemist,* 711 Pennsylvania Avenue, Pittsburgh, Pennsylvania.

Paul, Ira
(1930), *Associate Laboratory Engineer,* N. Y. State Department of Public Works, Division of Engineering Laboratories, 353 Broadway, Albany, N. Y.

Payne, Henry Fleming
(1936), *Chemist,* American Cyanamid Company, Stamford, Conn.

Pearce, George W.
(1937), *Associate in Research,* New York State Agricultural Experiment Station, Geneva, N. Y.

Peiker, Alfred L.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Peltz, Benjamin
(A.1931), 1675 Grand Concourse, New York, N. Y.

Perkins, Robert L.
(1932), *Research Group Leader,* National Aniline and Chemical Company, Buffalo, N. Y.

Perley, George A.
(1936), *Chief of Chemical Division,* Research Department, Leeds and Northrup Company, 4901 Stenton Avenue, Philadelphia, Penna.

Perry, Leslie L.
(1925), *Research Chemist,* The Calco Chemical Company, Inc., Bound Brook, N. J.

Peter, Alfred M.
(1923), *Professor Emeritus of Soil Technology,* Kentucky Agricultural Experiment Station, Lexington, Ky.

Pettit, Alfred, Jr.
(1923), *Chemist,* Westinghouse Lamp Company, Bloomfield, N. J.

Pfeiffer, Burton L.
(1929), *Chemist,* The Calco Chemical Company, Inc., Bound Brook, New Jersey.

Pfund, Marion C.
(1937), *Professor of Foods and Nutrition,* Cornell University, Ithaca, New York.

Phair, Robert A.
(1937), *Technical Director,* Laundry Supplies Division, H. Kohnstamm and Company, Inc., 83-93 Park Place, New York, N. Y.

Phelps, Howard S.
(1937), *Chemist,* Reilly Electrotype Company, Inc., 216 East 45th Street, New York, N. Y.

Phillips, G. W. Macpherson
(1929), *Chemical Engineer,* William M. Grosvenor Laboratories, Inc., 50 East 41st Street, New York, N. Y.

Pickens, Russell M.
(1936), *Technical Director,* Rayonier Incorporated, Shelton, Washington.

Pingree, Raymond A.
(1935), *Chemist,* U. S. Finishing Company, 389 Charles Street, Providence, R. I.

Pinnock, D. R.
(1928), *Chief Chemist and Production Manager,* Wood and Selick, Inc., 36 Hudson Street, New York, N. Y.

Pitman, Earle C.
(1933), *Assistant Director,* Parlin Laboratory, E. I. du Pont de Nemours and Company, Parlin, N. J.

Plauka, John W.
(J.1935), *Chemist,* Research Organization, Johns Manville Corporation, Manville, N. J.

Plechner, Walter William
(1929), *Assistant Director of Research,* National Lead Company, Titanium Division, P. O. Box 58, South Amboy, N. J.

Plummer, James Kemp
(1936), *Director,* Products Division, Tennessee Corporation, 622 Grant Building, Atlanta, Ga.

Pollak, Irving D.
(1931), *Chemist,* Department of Purchase Testing Laboratories, New York, N. Y.

Pollard, C. B.
(1935), *Professor of Chemistry; Consultant Scientific Crime Detection,* University of Florida, Gainesville, Florida.

Pollard, Frank H.
(1936), *Professor of Chemistry,* The Clemson Agricultural College, Clemson College, S. C.

Pollock, Abraham A.
(J.1934), 626 West Front Street Plainfield, N. J.

Porcelli, Lucy T.
(J.1935), *Technician,* Swedish Hospital, 126 Rogers Avenue, Brooklyn, New York.

Porter, J. M.
(1937), *Chemical Engineer,* American Cyanamid and Chemical Corporation, Linden, N. J.

Post, Howard W.
(1929), *Assistant Professor of Chemistry,* University of Buffalo, Buffalo, New York.

Powders, John A.
(1929), *Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, N. Y.

Powick, Wilmer C.
(1923), *Biochemist,* U. S. Bureau of Animal Industry, Washington, District of Columbia.

Pozen, Morris A.
(1925), *Consulting Chemist and Microbiologist; Director,* Brewing Research Laboratories, 30 Irving Place, New York, N. Y.

Prager, William L.
(1929), *Professor of Chemistry,* The College of the City of New York, New York, N. Y.

Pratt, Malcolm F.
(1935), *Paint Technologist,* Socony-Vacuum Oil Company, Inc., 412 Greenpoint Avenue, Brooklyn, N. Y.

Price, Donald
(1937), *Chief Chemist,* Research Laboratory, National Oil Products Company, Harrison, New Jersey.

Prince, A. W.
(1937), *Head Chemistry Department,* Union University, Jackson, Tenn.

Proskouriakoff, Avenir
(1930), *Chief Chemist,* Department of Diseases of Chest, Jefferson Hospital, 238 Pine Street, Philadelphia, Pennsylvania.

Pucher, George W.
(1936), *Research Associate,* Connecticut Agricultural Experiment Station, New Haven, Conn.

Purdy, John M.
(1936), *Chief Chemist,* The Lowe Brothers Company, 452 East Third Street, Dayton, Ohio.

Putt, Earl B.
(1929), *Treasurer,* Seil, Putt and Rusby, Inc., 16 East 34th Street, New York, N. Y.

Q

Quam, George N.
(1937), *Associate Professor of Chemistry,* Long Island University, Brooklyn, New York.

Quinn, Edmond John
(1936), *Medicinal Sales,* Merck and Company, Inc., Rahway, N. J.

R

Raiford, L. Charles
(1929), *Professor of Organic Chemistry,* State University of Iowa, Iowa City, Iowa.

Rambo, J. C.
(1923), 179 St. Johns Place, Brooklyn, N. Y.

Rampino, Louis A.
(J.1937), Canisius College, Buffalo, New York.

Rand, Charles L.
(1931), *Director of Research,* Mitchell-Rand Manufacturing Company, 51 Murray Street, New York, N. Y.

Randall, Edward L.
(A.1935), *Assistant Chemist,* Food and Drug Laboratory, Fifth and Sierra Streets, Reno, Nevada.

Randall, James W. H.
(1927), *Consulting Chemist,* 50 East 41st Street, New York, N. Y.

Rankin, Lanning P.
(1936), *Research Chemist,* Bakelite Corporation, 230 Grove Street, Bloomfield, N. J.

Rantzman, Eli
(J.1924), *Chemist,* Jefferson Standard Life Insurance Company, Greensboro, North Carolina.

Rasch, Carl H.
(1935), *Technical Director,* Riverside Chemical Company, N. Tonawanda, New York.

Rattiner, A. Alan
(1937), *Chief Chemist, General Manager,* The Odell Company, Inc., 230 Wright Street, Newark, N. J.

Rauh, Robert E.
(1936), *President and Treasurer,* Robert Rauh, Inc., 480-490 Frelinghuysen Avenue, Newark, N. J.

Rawling, Francis G.
(1923), *Chemist,* West Virginia Pulp and Paper Company, Luke, Md.

Read, William Thornton
(1929), *Dean* School of Chemistry, Rutgers University, New Brunswick, New Jersey.

Redman, Lawrence V.
(1927), *Vice-president and Director of Research,* Bakelite Corporation, Bloomfield, N. J.

Reed, Rufus D.
(1936), *Associate Professor of Chemistry,* New Jersey State Teachers' College, Upper Montclair, N. J.

Reeve, Charles S.
(1927), *Manager,* Research and Development, The Barrett Company, Edgewater, N. J.

Reid, E. Emmet
(1930), *Professor Emeritus,* Johns Hopkins University; *Consultant,* 203 East 33rd Street, Baltimore, Md.

Reid, E. W.
(1936), Carbide and Carbon Chemicals Corporation, 30 East 42nd Street, New York, N. Y.

Reid, J. David
(J.1930), *Assistant Chemist,* Agriculture By-products Laboratory, Bureau of Chemistry and Soils, Ames, Iowa.

Reinhart, Frank W.
(J.1930), *Junior Chemist,* National Bureau of Standards, Washington, District of Columbia.

Reinmuth, Otto
(1938), *Editor,* "Journal of Chemical Education", Kent Chemical Laboratory, The University of Chicago, Chicago, Illinois.

Remington, Roe E.
(1938), *Professor of Chemistry and Director of the Food Research Laboratory,* Medical College of the State of South Carolina, Charleston, S. C.

Revson, Raphael Frank
(1928), *Owner,* R. F. Revson Company, 91 Seventh Avenue, New York, New York.

Revukas, Anthony J.
(1937), *Assistant Chemist,* Brooklyn Edison Company, Inc., 380 Pearl Street, Brooklyn, N. Y.

Reynolds, Blythe M.
(1937), *Chemical Engineer,* Heyden Chemical Corporation, Garfield, N. J.

Riale, Frank H.
(A.1923), *Chemist,* National Dyeing and Printing Company, Williamsport, Penna.

Rice, Whitman
(1936), *Product Development and Sales Promotion,* The National Sugar Refining Company of New Jersey, 129 Front Street, New York, N. Y.

Richardson, Alan H.
(1936), *Industrial and Security Analyst,* Laurence M. Marks and Company, 49 Wall Street, New York, New York.

Rieger, John A.
(J.1933), *Analyst and Bacteriologist,* American Sugar Refining Company, Key Highway, East Baltimore, Md.

Rieman, William, 3rd
(1937), *Associate Professor,* Rutgers University, New Brunswick, N. J.

Riggs, Lloyd K.
(1936), 25 E. Delaware Place, Chicago, Illinois.

Riley, Horace E.
(1935), *Research and Analytical Chemist,* Bakelite Corporation, Bloomfield, N. J.

Rinkenbach, William H.
(1923), *Chief Chemist,* Picatinny Arsenal, Dover, N. J.

Ritchie, Walter Stuntz
(1936), *Professor, Head of Department of Chemistry,* Massachusetts State College, Amherst, Mass.

Rivise, Charles W.
(1932), *Patent Attorney,* Caesar and Rivise, 1321 Arch Street, Philadelphia, Penna.

Roberts, Elliott John
(1936), *Consulting Physical Chemist,* Dorr Company, Inc., Westport Mill, Westport, Conn.

Roberts, Sidney H.
(1936), *Chemist,* Medical Department, Aetna Life Insurance Company, Hartford, Conn.

Robinson, Edwin A.
(1937), *Technical Director,* Industrial Division, National Oil Products Company, Harrison, N. J.

Roblin, Richard O., Jr.
(A.1935), *Research Chemist,* American Cyanamid Company, Stamford, Connecticut.

Robson, Arthur D.
(1936), *Vice-president,* Toch Brothers, 386 Fourth Avenue, New York, New York.

Rochow, Theodore G.
(A.1936), *Chemical Microscopist,* American Cyanamid Company, Experimental Laboratory, Linden, N. J.

Rockwell, Donald M.
(A.1933), *Assistant Professor of Chemistry,* Juniata College, Huntingdon, Penna.

Rogers, Allen
(1929), *Head of Department of Chemical Engineering, and Professor of Course in Industrial Chemical Engineering,* Pratt Institute, Brooklyn, New York.

Rohrs, Frank A.
(A.1923), *President,* Rohrs Industrial Properties, 897 Garrison Avenue, Teaneck, N. J.

Rolland, Mary A.
(1929), 2 Gramercy Park, New York, New York.

Rolle, Clifford J.
(1937), *Research Chemist,* Interchemical Corporation, 432 West 45th Street, New York, N. Y.

Romans, Isabelle B.
(1929), *Consultant,* Chloramine Company, 420 Lexington Avenue, New York, N. Y.

Roon, Leo
(1936), *President,* Roxalin Flexible Lacquer Company, 800 Magnolia Avenue, Elizabeth, N. J.

Rose, Carlton H.
(1937), *Chemist,* National Lead Company, Research Laboratories, 105 York Street, Brooklyn, N. Y.

Rose, William
(J.1932) *Research Chemist,* Devoe and Raynolds Company, Louisville, Kentucky.

Rosenblum, Israel
(1936), *President,* Paramet Chemical Corporation, Long Island City, New York.

Rosin, Joseph
(1925), *Vice-president and Chemical Director,* Merck and Company, Inc., Rahway, N. J.

Ross, Jere K.
(1926), *Field Superintendent,* Wailes-Dove-Hermiston Corporation, 17 Battery Place, New York, N. Y.

Ross, William H.
(1927), *Senior Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

Roughead, William G.
(1935), *Varnish Development Chemist,* Bakelite Corporation, 230 Grove Street, Bloomfield, N. J.

Royer, George L.
(A.1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Rozema, C. E.
(1938), Research Laboratory, Haskelite Manufacturing Corporation, Grand Rapids, Michigan.

Rubek, Daniel D.
(1937), *Head of Technical Service,* Anderson-Pritchard Oil Corporation, 3921 E. Ravenswood Avenue, Chicago, Illinois.

Rubin, Murray M.
(1930), *Consultant,* Fraser Paper Ltd., Madawaska, Maine.

Rudolfs, Willem
(1936), *Chief,* Division Water and Sewage Research, New Jersey Agricultural Experiment Station, New Brunswick, N. J.

Russo, Michael
(A.1935), *In charge of Central Laboratory,* New York Quinine and Chemical Works, 99—101 North 11th Street, Brooklyn, N. Y.

Rutenber, Charles B.
(1937), *Professor of Chemistry,* Eureka College, Eureka, Ill.

S

Saarbach, Ludwig
(1923), *Consulting and Analytical Chemist,* 114 Pearl Street, New York, New York.

Sachs, Albert P.
(1923), *Consulting Chemist,* Petroleum Conversion Corporation, 100 East 42nd Street, New York, N. Y.

Sague, Mary Landon
(1936), *Professor of Chemistry and Chairman of the Department,* Vassar College, Poughkeepsie, New York.

Salathe, Albert
(1936), *Industrial Chemist,* Brown Company, Portland, Maine.

Salley, Donovan J.
(1937), *Research Chemist,* American Cyanamid Company, Stamford, Conn.

Samson, Meyer
(1935), *Director* Samson Laboratories, 1619 Spruce Street, Philadelphia, Penna.

Sanderson, John McE.
(1936), *Resin Technical Sales,* American Cyanamid and Chemical Corporation, 30 Rockefeller Plaza, New York, New York.

Saphier, Julian
(A.1932), *Technical Director,* Robert Rauh, Inc., 480-90 Frelinghuysen Avenue, Newark, N. J.

Saul, Everett Louis
(A.1937), *Chief Chemist,* Felton Chemical Company, Inc., 599 Johnson Avenue, Brooklyn, N. Y.

Sawyer, George B.
(1936), *Technical Director,* Ferbert-Schorndorfer Company, 12815 Elmwood Avenue, Cleveland, Ohio.

Sayre, Ralph
(1929), *Research Chemist and Metallurgist,* American Smelting and Refining Company, Perth Amboy, N. J.

Scalera, Mario
(A.1936), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Schachtmeister, Sidney
(S.1936), *Student,* Long Island University, 300 Pearl Street, Brooklyn, New York.

Schad, Frank M.
(1937), *Director of Laboratories,* American Pharmaceutical Company, Inc., 525 West 43rd Street, New York, N. Y.

Schaeffer, John A.
(1923), *President,* Franklin and Marshall College, Lancaster, Penna.

Scheller, Ernest
(1936), *Director of Plant Research,* Reynolds Metals Company, Louisville, Kentucky.

Schenberg, Samuel
(1937), *Instructor of Chemistry,* Bay Ridge High School, Fourth Avenue and 67th Street, Brooklyn, N. Y.

Schenker, Herbert S.
(A.1934), *Director,* Consumers' Testing Laboratories, 44 North Seventh Street, Philadelphia, Penna.

Schleicher, F. Grant von M.
(1937), *Chief Chemist, Vice-president,* W. D. Wilson Printing Ink Company, 5-38 - 46th Avenue, Long Island City, New York.

Schlichting, Emil
(1923), *Director,* National Brewers Academy, Industrial Testing Laboratories, 402 West 23rd Street, New York, N. Y.

Schmeidler, Robert
(1934), Cost Department, United Piece Dye Works, Lodi, N. J.

Schmidt, Marguerite M.
(A.1932), *Chemist,* Gibbs and Company, 2235 Boston Street, Baltimore, Maryland.

Schmitz, Gunther H.
(1929), *Chemist,* The Ault and Wiborg Company, 37 Canton Road, Shanghai, China.

Schneider, George
(1929), *Technical Director,* Celanese Corporation of America, 180 Madison Avenue, New York, N. Y.

Schneider, Solomon D.
(A.1937), *Junior Chemist,* Employed by President Borough of Manhattan, Bureau of Sewers and Highways, Room 2125 Municipal Building, New York, N. Y.

Schneider, Solomon
(1923), *Chemist*, Navy Department, Navy Yard, Philadelphia, Penna.

Schoeppler, Charles M., Jr.
(1935), *Head*, Science Department, Collegiate School, 241 West 77th Street, New York, N. Y. Also *Consulting Chemist*.

Schott, John E.
(1923), *Research Chemist*, Tide Water Oil Company, Bayonne, N. J.

Schrimpe, Conrad F.
(1936), *Research Chemical Engineer*, Bakelite Corporation, Bloomfield, New Jersey.

Schumacher, Robert H.
(1923), *Research and Consulting Chemist*, 1409 W. 7th Street, Long Beach, Calif.

Schuyler, William H.
(1924), *Head*, Dept. of Chemistry, Bucknell University Junior College, Wilkes-Barre, Penna.

Schwartz, Israel
(1935), *Chief Chemist*, Bendiner and Schlesinger, 10th Street and 3rd Avenue, New York, N. Y.

Schwarz, Maurice W.
(1928), *Consulting Chemist and Chemical Engineer*, 1775 Broadway, New York, N. Y.

Schwarz, Robert
(1927), *President*, Schwarz Laboratories, Inc., 202 East 44th Street, New York, N. Y.

Schwenkler, Anthony
(A.1925), *Teacher of Chemistry, and Manufacturing and Research Chemist*, 979 Grove Street, Elmira, N. Y.

Scott, Austin A.
(1937), *Chief Chemist*, Nestle's Milk Products, Inc., New York, N. Y.

Scott, Walter M.
(1936), *Service Director*, Gustavus J. Esselen, Inc., 857 Boylston Street, Boston, Mass.

Seaman, William
(1936), *In charge of Laboratory for Analytical Research*, Calco Chemical Company, Bound Brook, N. J.

Sease, Virgil B.
(1936), *Research Director*, Du Pont Film Manufacturing Corporation, Parlin, New Jersey.

Segerblom, Wilhelm
(1936), *Instructor in Chemistry, Emeritus*, The Phillips Exeter Acadamy, Exeter, New Hampshire

Seil, Gilbert E.
(1936), *Technical Director*, E. J. Lavino and Company, Box 29, Norristown, Penna.

Senseman, Cornelius E.
(1928), *Chemist*, Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Seubert, John E.
(J.1935), *Research Chemist*, General Plastics, Inc., North Tonawanda, New York.

Shafer, Lincoln M.
(1932), *Treasurer and General Manager*, Phoenix Color and Chemical Company, 24½ Van Houten Street, Paterson, New Jersey.

Sharefkin, David M.
(J.1930), *Tutor in Chemistry*, Brooklyn College, Bedford Avenue and Avenue H, Brooklyn, N. Y.

Shelton, Elbert M.
(1937), *Research Chemist*, The Tannin Corporation, Bethwood Research Laboratory, Amity Road, Bethany, Connecticut.

Shepard, Alvin F.
(1935), *Chief Research Chemist*, General Plastics, Inc., N. Tonawanda, New York.

Shepard, Nat L.
(1937), *Research Chemist,* Aluminum Research Laboratories, Aluminum Ore Company Division, 3300 Missouri Avenue, East St. Louis, Illinois.

Shepard, Norman A.
(1929), *Director of Technical Service,* American Cyanamid Company, Stamford, Conn.

Sheridan, Richard Brinsley
(1923), *Assistant, Metallurgist,* J. H. Williams and Company, 400 Vulcan Street, Buffalo, N. Y.

Sheridan, William R.
(1932), *Chief Chemist,* Dunlop Tire and Rubber Corporation, Buffalo, New York.

Shive, Roy A.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Shorey, Edmund C.
(1928), *Collaborator,* Bureau of Plant Industry, Washington, D. C.

Shuey, Ralph C.
(1935), *Research Chemical Engineer,* Bakelite Corporation, Bloomfield, New Jersey.

Siegel, Maurice
(1937), *Partner,* Strasburger and Siegel, 15 South Gay Street, Baltimore, Maryland.

Sieminski, Mitchell A.
(S.1935), *Research Assisant in Textile Microscopy,* Massachusetts Institute of Technology, Cambridge, Massachusetts.

Sievenpiper, Frederic L. R.
(J.1934), *Research Chemist,* National Aniline and Chemical Company, Abbott Road, Buffalo, N. Y.

Silverman, Alexander
(1932), *Consultant on Glass; Head,* Department of Chemistry, University of Pittsburgh, Pittsburgh, Penna.

Silverman, Louis
(1930), *Analytical Chemist,* Office of the Inspector of Naval Material, Munhall, Penna.

Simons, Francis L.
(1937), George LaMonte and Son, Nutley, N. J.

Singer, David E.
(A.1931), *Chemist,* 2071 East 24th Street, Brooklyn, N. Y.

Skow, Norman A.
(1935), *Research and Development Chemist,* Bakelite Corporation, Bloomfield, N. J.

Sluhan, Clyde A.
(A.1937), Sales Department, American Cyanamid and Chemical Corporation, 30 Rockefeller Plaza, New York, New York.

Smith, Charles Frederick, Jr.
(1923), *Salesman,* U. S. Rubber Reclaiming Company, Inc., Buffalo, New York.

Smith, Clayton Sidney
(1937), *Professor of Physiological Chemistry and Pharmacology,* College of Medicine, Ohio State University, Columbus, Ohio.

Smith, G. B. L.
(1936), *Assistant Professor of Analytical Chemistry,* Polytechnic Institute of Brooklyn, Brooklyn, N. Y.

Smith, Lee Irvin
(1936), *Professor and Chief of the Division of Organic Chemistry,* School of Chemistry, University of Minnesota, Minneapolis, Minn.

Smith, Leighton B.
(1937), *Research Chemist,* Lever Brothers, Cambridge, Mass.

Smith, Leonard
(J.1936), *Instructor,* University of Maryland, College Park, Md.

Smith, Nathan
(1923), *Chemist in Charge,* Towns and James, Inc., 217 Duffield Street, Brooklyn, N. Y.

Smith, Preston R.
(1937), *Research Chemist,* The Barber Company, Inc., Maurer, N. J.

Smith, Richard C.
(1923), *Chemist-in-Charge,* Chemical Inspection Department, Passaic Valley Sewerage Commission, 470 Riverside Avenue, Newark, N. J.

Smith, William Alvah
(1933), *Manager,* Gasoline and Oil Departments, Larkin Company, Inc., 680 Seneca Street, Buffalo, N. Y.

Smithson, Frederick C. M.
(1938), Department of Chemistry, New Mexico School of Mines, Socorro, New Mexico.

Smoley, Eugene R.
(1937), The Lummus Company, 420 Lexington Avenue, New York, N. Y.

Smoot, Albert M.
(1923), *Chemist and Engineer, Vice-president and Technical Director,* Ledoux and Company, Inc., 155 Sixth Avenue, New York, N. Y.

Smyth, Glen M.
(1932), *Research Chemist, Calco* Chemical Company, Inc., Bound Brook, N. J.

Smyth, Henry F., Jr.
(1937), *Research,* Industrial Toxicology Department, Mellon Institute, Pittsburgh, Penna.

Snell, Chester A.
(A.1936), *Teaching Fellow in Chemistry,* Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn, New York.

Snell, Foster Dee
(1927), *President,* Foster D. Snell, Inc., 305 Washington Street, Brooklyn, N. Y.

Snyder, Andrew J.
(1936), *In Charge Dry Color Research,* Pittsburgh Plate Glass Company, 235 East Pittsburgh Avenue, Milwaukee, Wis.

Snyder, Edward F.
(1928), *Associate Biochemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Snyder, Roy D.
(A.1925), *Owner,* Snyder's Dairy, 7th and Iron Streets, Bloomsburg, Penna.

Soff, LeRoy D.
(1931), *Chief Chemist and Secretary,* Paragon Paint and Varnish Corporation, 5-49 - 46th Avenue, Long Island City, N. Y.

Sohon, M. D.
(1923), *Consultant,* 224 Bell Avenue, Hasbrouck Heights, N. J.

Spencer, C. A.
(A.1932), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Spencer, Hugh M.
(1937), *Assistant Professor,* Cobb Chemical Laboratory, University of Virginia, Charlottesville, Va.

Spitaleri, Frank
(A.1934), *Perfumer Chemist,* Felton Chemical Company, 599 Johnson Avenue, Brooklyn, N. Y.

Squire, Frederick John
(1936), *Research Department,* Lever Brothers Company, Cambridge, Mass.

Stammelman, M. J.
(1938), *President,* The Atmos Products Corporation, 54 West 22nd Street, New York, N. Y.

Steenbock, Harry
(1936), *Professor,* Department of Agricultural Chemistry, University of Wisconsin, Madison, Wis.

Steffens, John A.
(1923), *Consulting Chemist,* Suffern, New York.

Steik, Karl T.
(1936), *Consulting Chemist,* National Oil Products Co., Harrison, N. J.

Steinle, J. Vernon
(1936), *Research Director,* S. C. Johnson and Son, Inc., 1012—16th Street, Racine, Wis.

Stericker, William
(1931), *Development Chemist,* Philadelphia Quartz Company, Philadelphia, Penna.

Stewart, James K.
(1936), *Director,* Industrial Naphtha Research, Anderson-Prichard Oil Corporation, 3921 East Ravenswood Avenue, Chicago, Ill.

Stickle, F. J.
(1937), *Technical Director,* United Lacquer Manufacturing Corporation, 1001 W. Elizabeth Avenue, Linden, New Jersey.

Stickney, Edward G.
(1929), *Assistant Superintendent,* Wailes Dove- Hermiston Corporation, East St. Louis, Ill.

Stiegler, H. W.
(1936), *Head Textile Division,* American Cyanamid Company, Stamford, Conn.

Stirton, Alexander James
(J.1931), *Assistant Chemist,* Bureau of Chemistry and Soils, U. S. Department Agriculture, Washington, District of Columbia.

Stoddard, Carl Kerby
(A.1935), Gold and Silver Circle Mines, Inc., Midas, Nevada.

Stoertz, Howard
(1930), *Assistant Research Engineer,* Electric Storage Battery Company, 19th and Allegheny Avenue, Philadelphia, Penna.

Stone, Irwin
(A.1929), *Research Chemist,* Wallerstein Company, Inc., 180 Madison Avenue, New York, N. Y.

Stoner, Raoul J.
(1935), *Assistant Chemist,* Employed by Borough of Manhattan, Municipal Building, New York, N. Y.

Strasburger, LeRoy V.
(1936), *Partner,* Strasburger and Siegel, 15 South Gay Street, Baltimore, Md.

Street, John N.
(1935), *Director Chemical Research,* Firestone Tire and Rubber Company, Akron, Ohio.

Strickler, Alvin
(1936), *Professor, Head of Department of Chemistry,* Evansville College, Evansville, Ind.

Stubbs, Joseph J.
(A.1931), *Junior Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Sullivan, Joseph J.
(1936), *Dean,* Department of Chemistry, Holy Cross College, Worcester, Massachusetts.

Sulzberger, Nathan
(1932), 128 Central Park South, New York, N. Y.

Supplee, G. C.
(1937), *Associate Director of Research,* The Borden Company, Research Laboratories, Bainbridge, N. Y.

Sutton, Carroll R.
(1937), *Detroit Branch Manager,* Commercial Solvents Corporation, 1900 E. Jefferson Avenue, Detroit, Michigan.

Swackhamer, Farris S.
(J.1937), *Chemist,* American Cyanamid Company, Stamford, Conn.

Swain, Robert C.
(1935), *Research Chemist,* American Cyanamid Company, Stamford, Connecticut.

Swartout, John M.
(J.1937), University of Buffalo, Buffalo, N. Y.

Swisher, Margaret C.
(1936), *Assistant Professor of Chemistry,* University of Buffalo, Buffalo, New York.

Szymanowitz, Raymond
(1923), *Technical Director,* Acheson Colloids Corporation, 444 Madison Avenue, New York, N. Y.

T

Taggart, Walter T.
(1925), *Emeritus Professor of Chemistry,* University of Pennsylvania, Philadelphia, Penna.

Tanner, H. G.
(1937), *Chemist,* E I. du Pont de Nemours and Company, Experimental Station, Wilmington, Del.

Tanner, W. Lee
(1923), *Chief Chemist, Vice-president,* Reade Manufacturing Company, 135 Hoboken Avenue, Jersey City, New Jersey.

Tarr, Lester W.
(1937), *Executive,* United-Carr Fastener Corporation, 1230 Columbia Road, South Boston, Mass.; 3701 N. Broad Street, Philadelphia, Penna.

Taylor, A. Lloyd
(1936), Pease Laboratories, 39 West 38th Street, New York, N. Y.

Taylor, Harden Franklin
(1936), *President and Director,* The Atlantic Coast Fisheries Company, 111 John Street, New York, N. Y.

Taylor, James N.
(1923), *Chemical Division,* Bureau of Foreign and Domestic Commerce, Washington, D. C.

Taylor, Maurice C.
(1930), *Assistant Director of Research,* Mathieson Alkali Works, Inc., Niagara Falls, N. Y.

Tchorni, David L.
(1932), *Chemist,* The Calco Chemical Company, Inc., Bound Brook, New Jersey.

Teeters, Wilbur O.
(1935), *Engineer,* Apparatus Research and Development Department, Air Reduction Company, 181 Pacific Avenue, Jersey City, N. J.

Ten Broeck, Walter T. L.
(1936), *Research Chemist,* Goodyear Rubber Plantations Company, Dolok Merangir, East Coast Sumatra, Netherlands East Indies.

Thews, Karl B.
(1925), *Chief Development Engineer,* Titanium Alloy Manufacturing Company, 111 Broadway, New York, N. Y.

Thomas, Charles Allen
(1936), *Director of Research,* Thomas and Hochwalt Laboratories Research Division, Monsanto Chemical Company, Dayton, Ohio.

Thomasset, Paul A.
(1929), *Chief Chemist,* Ansbacher-Siegel Corporation of America, Chestnut Avenue, Rosebank, Staten Island, N. Y.

Thompson, Joseph John
(1936), *Charge of Production Research,* W. K. Kellogg Company, Battle Creek, Mich.

Thompson, Willard C.
(1930), *Professor of Chemistry,* Lee Junior College, Goose Creek, Texas.

Thrun, Walter E.
(1936), *Head of the Department of Chemistry,* Valparaiso University, Valparaiso, Ind.

Thuor, Louis
(1923), *Chemist,* Heyden Chemical Corporation, Monroe and River Drive, Garfield, N. J.

Tice, L. F.
(1937), *Assistant Professor,* Philadelphia College of Pharmacy and Science, 43rd and Kingsessing Avenue, Philadelphia, Penna.

Ticknor, Arthur A.
(1925), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Tobiasson, George T.
(1923), *Chemist,* Research Laboratories, Universal Oil Products Company, Drawer C, Riverside, Ill.

Toch, Maximilian
(1923), *President,* Toch Brothers, Inc., 386 Fourth Avenue, New York, New York.

Tormey, Harold J.
(1937), *Professor of Chemistry; Head,* Department of Chemistry, St. Bonaventure College, St. Bonaventure, New York.

Traquair, John
(1923), *Research Department,* The Mead Corporation, Chillicothe, Ohio.

Traxler, Ralph N.
(1936), The Texas Company, Port Neches, Texas.

Trevithick, H. P.
(1923), *Chief Chemist,* New York Produce Exchange, New York, N Y.

Trimble, Harry C.
(1936), *Assistant Professor of Biological Chemistry,* Harvard Medical School, 25 Shattuck Street, Boston, Massachusetts.

Trout, William E., Jr.
(1937), *Professor of Chemistry,* Mary Baldwin College, Staunton, Virginia.

Troxel, Shirley M.
(1937), *Instructor in Science,* Trenton State Teachers' College, Trenton, New Jersey.

Truesdail, Roger W.
(1936), *Director and President,* Truesdail Laboratories, Inc., 1206 Maple Avenue, Los Angeles, Calif.

Trumper, Max
(1930), *In Charge of Laboratory; Consultant in Industrial Toxicology,* 921 Medical Arts Building, Philadelphia, Penna.

Trusler, Ralf B.
(1936), *Director of Research,* The Davies-Young Soap Company, Dayton, Ohio.

Turkington, Victor H.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Turner, W. D.
(1932), *Assistant Professor Chemical Engineering,* Columbia University, New York, N. Y.

Turno, Irene A.
(A.1923), *Analytical Chemist,* Edel Laboratories, Inc., 10 Hill Street, Newark, N. J.

Tyler, Walter S., Jr.
(1931), *Development Engineer,* Tide Water Associated Oil Company, Bayonne, New Jersey.

Tyson, Floyd T.
(1925), *Associate Professor of Chemistry,* Temple University, Philadelphia, Penna.

U

Uhlig, Edward C.
(1923), *Chief Chemist,* The Brooklyn Union Gas Company, 191 St. James Place, Brooklyn, N. Y.

Umberger, Ernest J.
(J.1937), *Assistant Scientific Aid,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Uncles, Robert F.
(J.1937), School of Chemistry, Rutgers University, New Brunswick, New Jersey.

Utkovitz, Nathan
(1929), *Chemist,* Board of Transportation, 215th Street and 10th Avenue, New York, N. Y.

Utt, Chester A. A.
(1923), *Chemist and Bacteriologist in Charge of Laboratories,* Golden State Company, Ltd., 1120 Towne Avenue, Los Angeles, Calif.

V

Vail, James G.
(1936), *Vice-president, Chemical Director,* Philadelphia Quartz Company, 121 S. 3rd St., Philadelphia, Pennsylvania.

Vanderkleed, Charles Edwin
(1937), *Vice-president and Scientific Director,* McNeil Laboratories, Inc., 2900 North 17th Street, Philadelphia, Pennsylvania.

Van der Meulen, Peter A.
(1937), *Professor of General and Physical Chemistry,* Rutgers University, New Brunswick, N. J.

Van Doren, Lloyd
(1923), *Chemical Consultant, Patent Attorney,* Watson, Bristol, Johnson, and Leavenworth, 6 East 45th Street, New York, N. Y.

Van Name, Ralph G.
(1936), *Research Associate in Chemistry,* Sterling Chemistry Laboratory, Yale University, New Haven, Conn.

Vaughn, Thomas H.
(A.1937), *Head of Department of Organic Research,* Union Carbide and Carbon Research Laboratories, Inc., P. O. Box 580, Niagara Falls, N. Y.

Ventre, Emil K.
(1937), *Chemist,* Sugars and Sirups Research, Carbohydrate Research Division, Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Verbyla, A. E.
(1937), *Lacquer Chemist,* Standard Varnish Works, 386 Fourth Avenue, New York, N. Y.

Vesce, Vincent C.
(1923), *Chief Chemist,* Harmon Color Works, P. O. Box, 1158, Paterson, N. J.

Vieweg, Hermann F.
(1937), *Research Engineer,* Johns-Manville Corporation, Manville, N. J.

Voris, Louis R.
(1923), *Owner and Director,* The Voris Laboratories, Hagerstown, Md.

Vuilleumier, Ernest A.
(1926), *Professor of Chemistry and Dean,* Dickinson College, Carlisle, Pennsylvania.

W

Wade, Worth
(1936), *Head Patent Department, Consulting Chemist,* Sylvania Industrial Corporation, 122 East 42nd Street, New York, N. Y.

Wagner, Glenn H.
(1923), *Chief,* Aluminum Ore Company Division, Aluminum Research Laboratories, Aluminum Ore Company, East St. Louis, Illinois.

Wagreich, Harry
(J.1931), *Instructor in Chemistry,* College of the City of New York, New York, N. Y.

Wait, Justin F.
(1933), *Consulting Chemist and Engineer,* 20 Branford Place, Newark, New Jersey.

Wakefield, Harold F.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Wakeman, Nellie
(1938), *Assistant Professor in Pharmacy College,* University of Wisconsin, Madison, Wisconsin.

Wall, Florence E.
(1923), *Consultant;* 685 Madison Avenue, New York, N. Y. Also *Lecturer,* School of Education, New York University, New York, N. Y.

Wallace, Earl K.
(1937), *Professor of Chemistry*, Pennsylvania College for Women, Woodland Road, Pittsburgh, Penna.

Wallerstein, James S.
(J.1937), *Second Vice-president*, Wallerstein Company, 180 Madison Avenue, New York, N. Y.

Walsh, Thomas J.
(1936), *Chemist*, Baker and Company, Inc., 149 Murray Street, Newark, N. J.

Walton, George Pelham
(1928), *Biochemical Research*, U. S. Department of Agriculture, Washington, D. C.

Ward, George E.
(J.1931), *Junior Chemist*, Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, District of Columbia.

Warth, Albin H.
(1933), *Chemical Director*, Crown Cork and Seal Company, Eastern Avenue and Kresson Streets, Baltimore, Md.

Waters, Charles E.
(1936), *Research Chemist*, Tide Water Associated Oil Company, Bayonne, New Jersey.

Way, Elmer F.
(1935), *Secretary-treasurer, Technical Director*, The Durfee Company, Grand Rapids, Mich. Also *Secretary-treasurer*, The Industrial Laboratories, Inc., Grand Rapids, Mich.

Weaver, F. F.
(1925), *Manager of Research*, General Chemical Company, 40 Rector Street, New York, N. Y.

Webber, Robert Alfred
(1923), *Department Head*, Brown Company, Burgess Sulphite Mill, Berlin, New Hampshire.

Weber, Frederic L.
(1928), *Instructor in Chemistry*, College of the City of New York, New York, N. Y.

Weber, M. G.
(1923), *Consulting Chemist; Owner*, M. Weber Laboratories, 113 Edison Place, Newark, N. J.

Wechsler, Ralph
(1929), *Treasurer*, National Oil Products Company, Harrison, N. J.

Wechter, E. J.
(1938), *Research Chemist*, Louisville Cement Company, Louisville, Ky.

Weelands, J. E.
(1936), *Research Engineer*, Bakelite Corporation, Bound Brook, N. J.

Wegrzyn, Stanley W.
(J.1937), 820 Massachusetts Avenue, Cambridge, Mass.

Weidlein, E. R.
(1929), *Director*, Mellon Institute of Industrial Research, Pittsburgh, Pennsylvania.

Weihe, Herman D.
(1931), *Assistant Chemist*, Agricultural By-products Laboratory, U. S. Department of Agriculture, Ames, Iowa.

Weisberg, Louis
(1935), *President*, Louis Weisberg, Inc., 71 West 45th Street, New York, New York.

Weisberg, Samuel M.
(1928), *Research Chemist and Secretary of the Staff Committee*, Sealtest, Inc., Research Laboratories, 1403 Eutaw Place, Baltimore, Md.

Weiss, John Morris
(1923), *President and Secretary*, Weiss and Downs, Inc., 50 East 41st Street, New York, N. Y.

Weith, Archie J.
(1935), *Manager Research and Development*, The Bakelite Corporation, 230 Grove Street, Bloomfield, N. J.

Wells, Percy A.
(J.1931), *Chemist*, Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Wendt, Gerald
(1936), *Director*, The American Institute of the City of New York, 60 East 42nd Street, New York, N. Y.

Wendt, Louise M.
(1938), *Professor of Chemistry*, Nebraska State Teachers' College, Wayne, Nebraska.

Wertheim, E.
(1938), *Professor of Organic Chemistry*, University of Arkansas, Fayetteville, Arkansas.

West, Byron L.
(1932), *Technical Committee*, Calco Chemical Company, Inc., Bound Brook, N. J.

Wetterau, Paul C.
(1936), *Works Chemist*, Congoleum-Nairn, Inc., Marcus Hook, Penna.

Whelan, Isabel R.
(1929), *Assistant Research Director*, Bristol-Meyers Company, Long Avenue, Hillside, N. J.

Whitaker, M. C.
(1926), *Vice-president*, American Cyanamid Company, 30 Rockefeller Plaza, New York, N. Y.

White, Mollie G.
(1938), *Professor of Chemistry*, Stephens College, Columbia, Missouri.

White, W. C. O.
(1923), 1619 Highland Avenue, Columbus, Ohio.

White, William T.
(1936), *Chemist*, Tennessee Valley Authority, Fertilizer Works, Wilson Dam, Ala.

Whitesell, W. A.
(1938), *Professor of Chemistry*, University of South Carolina, Columbia, South Carolina.

Whiting, L. R.
(1935), *Chemist*, Bakelite Corporation, Bloomfield, N. J.

Whiting, Stanley H.
(A.1932), *Research Chemist*, Calco Chemical Company, Inc., Bound Brook, N. J.

Whittaker, Colin W.
(1928), *Associate Chemist*, Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Whittaker, Roland M.
(J.1930), *Assistant Professor of Chemistry*, Queens College, 65-30 Kissena Boulevard, Flushing, New York.

Wickenden, Leonard
(1923), *Vice-president*, Suchar Process Corporation, 120 Wall Street, New York, N. Y.

Wiegand, William B.
(1935), *Director of Research*, Columbian Carbon Company, 41 East 42nd Street, New York, N. Y.

Wilbur, Ralph C.
(1935), *Lubricating Oil Chemist*, Shell Petroleum Corporation, Wood River, Ill.

Wilcox, David Henry, Jr.
(A.1934), *Research Chemist*, Ansbacher-Siegle Corporation, Rosebank, S. I., N. Y.

Wilder, Frank W.
(A.1932), *Research Chemist*, Calco Chemical Company, Inc., Bound Brook, N. J.

Wilder, H. Kenneth
(1923), *Chief Chemist*, Kellogg Company, Battle Creek, Mich.

Wilkins, Richard A.
(1937), *Vice-president*, Revere Copper and Brass, Inc., 230 Park Avenue, New York, N. Y.

Willard, Mary L.
(1937), *Assistant Professor of Microchemistry*, The Pennslvania State College, State College, Penna.

Williams, Arthur S.
(1937), *Consulting Chemical Engineer*, 80 Broad Street, Elizabeth, N. J.

Williams, Edward G.
(1923), *Owner,* The Edward G. Williams Laboratories, 918-920 Union Street, New Orleans, La.

Williams, James H.
(1937), *Research Chemist,* American Cyanamid Company, Stamford, Conn.

Williams, John F.
(1929), *Chief,* Division of Laboratories, Bureau of Customs, Washington, D. C.

Williams, Kenneth T.
(1937), *Associate Chemist,* Bureau of Chemistry and Soils, Department of Agriculture, Washington, D. C.

Williamson, C. S., Jr.
(1936), *Professor, Head of School of Chemical Engineering,* Tulane University, New Orleans, La.

Wilson, Arthur John
(1937), *Head of Chemistry Department,* North Carolina State College, Raleigh, North Carolina.

Wilson, George W.
(1928), *Associate Professor of Chemistry,* College of the City of New York, New York, N. Y.

Windus, Wallace
(1936), *Research Chemist and Field Man in the Leather Division,* Rohm and Haas Company, Inc., Bridesburg, Philadelphia, Penna.

Wing, Henry J.
(1936), *Research Chemist,* E. I. du Pont de Nemours and Company, Parlin, N. J.

Winship, William W.
(1932), *Manager,* The Thermal Syndicate, Ltd., 12 East 46th Street, New York, N. Y.

Winston, Lula Gaines
(1936), *Professor of Chemistry,* Meredith College, Raleigh, N. C.

Winter, Harry C.
(1938), *Research Chemist,* Biochemical Research Foundation of the Franklin Institute, Philadelphia, Pa.

Wintringham, Andrews C.
(1934), *Chemist in Charge of Department H.,* Calco Chemical Company, Inc., Bound Brook, N. J.

Wishnick, Robert I.
(1937), *President,* Wishnick-Tumpeer, Inc., 295 Madison Avenue, New York, N. Y.

Witte, Paul John
(1936), *Assistant Director,* Division of Chemistry, Pease Laboratories, Inc., 39 West 38th Street, New York, New York.

Wohlleben, William J.
(1937), *Head,* Department of Chemistry, University of Dayton, Dayton, Ohio.

Wolfson, Jacob
(1929), *Production Manager,* National Oil Products Company, Harrison, New Jersey.

Wood, P. J.
(1925), *New England Manager,* Royce Chemical Company, Carlton Hill, New Jersey.

Woodford, Lois W.
(1937), *Assistant to Director,* Technical Service Laboratories, American Cyanamid Company, Stamford, Conn.

Woodson, D. P., Jr.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Worley, Robert A.
(1923), 1216 W. State Street, Trenton, N. J.

Wright, A. H.
(1936), *Professor of Chemistry,* Washington and Jefferson College, Washington, Penna.

Wright, John Goddard
(A.1934), Address Wanted.

Wright, Philip A.
(1937), *Research Chemist,* Bureau of Dairy Industry, U. S. Department of Agriculture, Washington, D. C.

Wright, Thomas A.
(1923), *Technical Director and Secretary*, Lucius Pitkin, Inc., 47 Fulton Street, New York, N. Y.

Wright, William
(1937), *Chemist*, United Lacquer Manufacturing Corporation, 1001 Elizabeth Avenue, Linden, N. J.

Wuertz, Alexander J.
(1937), *Acting Director*, Carrollville Research Laboratory, E. I du Pont de Nemours and Company, Box 176, South Milwaukee, Wis.

Y

Yoder, Lester
(1938), *Assistant Professor*, Chemistry Section, Iowa State College, Ames, Iowa.

Yoe, John H.
(1936), *Professor of Chemistry*, University of Virginia, Charlottesville, Virginia.

Young, Joseph H.
(1936), *President*, Paramount Chemical Company, 126 Maiden Lane, New York, N. Y.

Z

Zerban, Frederick W.
(1928), *Chemist in Charge*, New York Sugar Trade Laboratory, Inc., 113 Pearl Street, New York, N. Y.

Zinsser, Frederick G.
(1938), *Manufacturing Chemist*, Zinsser and Company, Inc., Hastings-on-the-Hudson, New York.

Zons, Frederick W.
(1923), *Consulting Chemical Engineer*, 239 Centre Street, New York, New York.

Zoole, Leonard
(1923), *Chief Chemist*, Navy Yard, Building 121, Philadelphia, Penna.

SUMMARY

	1938	*1936*
Honorary Members	10	8
Life Members	3	2
Fellows	1044	808
Associates	95	107
Juniors	98	90
Students	6	10
	1256	1025

Geographical Distribution

ALABAMA

Auburn
Macormac, Alfred R.
Birmingham
Bliss, A. Richard, Jr.
University
Carmichael, Emmett B.
Kalisz, Joseph J.
Lloyd, Stewart J.
Montgomery, Jack P.
Wilson Dam
Frear, George L.
Ogg, Earl F.
White, William T.

ARIZONA

Tucson
Bacal, Harry S.

ARKANSAS

Crossett
Chesley, Kenneth G.
Fayetteville
Wertheim, E.

CALIFORNIA

Huntington Park
Boddington, Henry D.
Long Beach
Schumacher, Robert H.
Los Angeles
Alles, Gordon A.
Brinton, Paul H. M. P.
Butcher, Bessie E.
Chace, Edward M.
Hamilton, W. F.
Truesdail, Roger W.
Utt, Chester A. A.
Mills College
Gibbons, Vernette L.
Oakland
Curran, Robert F.
Isenhour, L. L.
Riverside
Leinau, Roberts, Jr.
San Francisco
Buckminster, P. D.
Hackh, Ingo W. D.
Harlan, Hal R.
Hutshing, Edwin E.
O'Leary, Lawrence A.
Torrance
Dubbs, Leland A.

COLORADO

Boulder
Coles, Henry L.
Ekeley, John B.
Germann, Frank E. E.
Colorado Springs
Douglas, Frank W.
Denver
Goodman, John B.
Nice, Paul S.

CONNECTICUT

Bethany
Shelton, Elbert M.
Bridgeport
Fanto, Emil C.
Novak, I. J.
Omohundro, A. L.
East Berlin
Hayden, E. M.
Glastonbury
Guest, Herbert H.
Hartford
Ficklen, Joseph B.
Hostetter, J. C.
Krieble, Vernon K.
Roberts, Sidney H.
Middletown
Hoover, Charles R.
Naugatuck
Horn, William J.
New Canaan
Bucy, E. H.
New Haven
Brinkley, Stuart R.
Cowgill, George R.

Donleavy, John J.
Hill, Arthur J.
Johnson, Treat B.
Lesuk, Alexander
Mackintosh, James H.
Pucher, George W.
Van Name, Ralph G.

Stamford

Adams, Pierrepont
Bradley, Theodore F.
Christmann, Ludwig J.
Davis, Arnold R.
Davis, Harold S.
Durant, Walter W.
Fisher, Harry L.
Fuller, Donald L.
Harding, William H.
Hill, W. H.
Mackay, G. M. J.
McClellan, Paul P.
Moore, L. P.
Payne, Henry Fleming
Roblin, Richard O., Jr.
Salley, Donovan J.
Shepard, Norman A.
Stiegler, H. W.
Swackhamer, Farris S.
Swain, Robert C.
Williams, James H.
Woodford, Lois W.

Springdale

Cardarelli, Eugene J.

Waterbury

Belfit, Robert W.

Westport

Roberts, Elliott John

DELAWARE

Newport

Broeker, John F.

Wilmington

Bond, William G.
Calcott, W. S.
Hardin, D. B.
Kraemer, Elmer O.
Lenher, Samuel
McDermott, Frank A.
Tanner, H. G.
Wuertz, A. J.

DISTRICT OF COLUMBIA

Washington

Anderson, Myron S.
Bradshaw, Anis P.
Byers, Horace G.
Clark, Lawrence
Concannon, C. C.
Couch, James F.
Cromer, George W.
Dawson, Paul R.
De Carlo, Michael R.
Deemer, R. B.
Delahanty, Thomas W.
Diner, Irene C.
Ely, Charles R.
Evenson, Oscar L.
Feinstein, Hyman I.
Fort, Charles A.
Fuller, Henry C.
Gardner, Henry Alfred
Gay, John Richard
Goss, Marshall J.
Grand, Joseph A.
Griffin, S. W.
Grosz, Oliver
Harris, Hillman C.
Hibben, James H.
Hill, William L.
Huff, Wilbert J.
Hummer, Richard W.
Jackson, Richard F.
Knight, Henry G.
Leatherman, Martin
LeClerc, J. A.
Lourie, Harry L.
Lundstrom, Frank O.
Markwood, Louis N.
Martin, James B.
McBurney, John W.
McGrath, Francis P.

McLaren, James A.
Mehring, Arnon L.
Mehurin, Roger M.
Merz, Albert R.
Newton, Harry Paul
Noble, Wesley Moulton
Powick, Wilmer C.
Reinhart, Frank W.
Ross, William H.
Senseman, Cornelius E.
Shorey, Edmund C.
Snyder, Edward F.
Stirton, Alexander James
Stubbs, Joseph J.
Taylor, James N.
Umberger, Ernest J.
Ventre, Emil K.
Walton, George Pelham
Ward, George E.
Wells, Percy A.
Whittaker, Colin W.
Williams, John F.
Williams, Kenneth T.
Wright, Philip A.

FLORIDA

Gainesville

Black, A. P.
Leigh, Townes R.
Pollard, C. B.

GEORGIA

Atlanta

Boggs, Gilbert H., Sr.
Daniel, John L.
Dumas, William C.
Howland, George A.
Plummer, James Kemp

Emory University

Guy, J. Sam

Experiment

Holley, Kirk T.

Savannah

Brown, Brian S.
Herty, Charles H.

ILLINOIS

Chicago

Beegle, Frank M.
Bost, William D.
Bowman, Jay
Burgess, C. F.
Burns, Frank B.
Crowley, C. A.
De Leeuw, Philip M.
Dietrich, Harold E.
Doty, M. B.
Egloff, Gustav
Epstein, Albert K.
Foerster, Clemence
Freud, B. B.
Gnaedinger, Robert J.
Harper, Robert Brinton
Harris, Benjamin R.
Ipatieff, V. N.
Krause, Arlington C.
Kritchevsky, Wolf
MacDonald, Neil F.
Moore, Charles G.
Morrell, Jacque C.
Reinmuth, Otto
Riggs, Lloyd K.
Rubek, Daniel D.
Stewart, James K.

De Kalb

Gould, Howard W.

Eureka

Rutenber, Charles B.

East St. Louis

Fortner, Louis R.
Shepard, Nat L.
Stickney, Edward G.
Wagner, Glenn H.

Gilliespie

Dodge, Lawrence E.

Joliet

Johnson, George H.

Kankakee

Ford, T. C.

Maywood

Ball, C. Olin
Nicoll, John M.

Monsanto

Linder, Henry L.

Riverside
Murphy, George B.
Tobiasson, George T.

Wood River
Griffin, Merle L.
Nelson, W. K.
Wilbur, Ralph C.

Urbana
Buswell, A. M.
Clark, George L.
Hopkins, B. S.
Keyes, D. B.
Markley, K. S.
May, Orville E.

Wilmette
Jones, Hilton Ira

Winnetka
French, Dudley K.

INDIANA

Evansville
Strickler, Alvin

Lafayette
Carr, Ralph Howard
Degering, Edward F.
Mellon, M. G.

Marion
Boyle, James S.

Notre Dame
Froning, H. B.

Terre Haute
Campbell, Arthur William
Lansing, Arthur C.

Valparaiso
Manka, Dan Paul
Thrun, Walter E.

IOWA

Ames
Lynch, D. F. J.
Reid, J. David
Weihe, Herman D.
Yoder, Lester

Iowa City
Bond, Perry A.
Raiford, L. Charles

Ottumwa
Gross, Charles E.

KANSAS

Atchison
Christensen, Leo M.

McPherson
Hershey, J. Willard

Pittsburg
Parks, W. B.

KENTUCKY

Lexington
Averitt, S. D.
Maxson, Robert Nelson
McHargue, J. S.
Peter, Alfred M.

Louisville
Fuller, Wayne R.
Rose, William
Scheller, Ernest
Wechter, E. J.

LOUISIANA

Gramercy
Meade, George P.

New Orleans
Beard, Howard H.
Gomila, Madeline C.
Hughes, William J.
Moseley, Hal W.
Williams, Edward G.
Williamson, C. S., Jr.

Shreveport
Entrikin, John B.

MAINE

Madawaska
Rubin, Murray M.

Portland
Salathe, Albert

Rumford
Geiger, Theodore H.

MARYLAND

Annapolis
Allen, Paul, Jr.

Baltimore
Andrews, Donald H.
Arnold, William S.
DuMez, A. G.
Dunning H. A. B.
Gabeler, William H.
Gortatowsky, Claude
Grant, Robert J.
Harden, Wilton C.
Hartung, Walter H.
Kasper, John S.
Keiles, Elsa Orent
Matthews, Norris W.
Reid, E. Emmet
Rieger, John A.
Schmidt, Marguerite M.
Siegel, Maurice
Strasburger, LeRoy V.
Warth, Albin H.
Weisberg, Samuel M.

Beltsville
Nicolet, Ben H.

College Park
Bower, Francis M.
Smith, Leonard

Hagerstown
Metro, Francis G.
Voris, Louis R.

Luke
Rawling, Francis G.

Perry Point
Finley, Mark F., Jr.

Silver Spring
Heiss, Louis R.

MASSACHUSETTS

Amherst
Chamberlain, Joseph S.
Ritchie, Walter Stuntz

Boston
Arnoff, Albert I.
Atwood, F. C.
Borg, Henry L.
Cabot, Samuel
Dill, D. B.
Esselen, Gustavus J.
Fiske, Cyrus H.
Flanders, Fred F.
Lythgoe, Hermann C.
O'Brien, William B.
Scott, Walter M.
Trimble, Harry C.

Cambridge
Balyozian, Nicholas
Bodman, John W.
Harrington, V. F.
Mark, Jacob Greenwood
Martino, Lawrence A.
Sieminski, Mitchell A.
Smith, Leighton B.
Squire, Frederick John
Wegrzyn, Stanley W.

East Walpole
Bailey, Bernard H.

Indian Orchard
Bolinger, E. Dare

Lowell
Olney, Louis Atwell

Malden
Noble, Royce J.

Mattapan
Cowperthwaite, Irving A.

Nantucket
Breithut, Frederick E.

Quincy
French, Berlin C.

Watertown
Coleman, George William

Williamstown
King, J. F.

Worcester
Bullock, Jesse L.
Charron, Roy C.
Davis, Lewis
Jennings, Walter Louis
Merigold, Benjamin S.
Sullivan, Joseph J.

MICHIGAN

Battle Creek

Elder, L. W.
Fine, M. S.
Lindow, Carl W.
Thompson, Joseph John
Wilder, H. Kenneth

Dearborn

Barnard, H. E.

Detroit

Cadwell, Sidney M.
Clements, F. O.
Hovey, Almon G.
Krumbhaar, William
Macy, Icie G.
Norton, Arthur J.
Sutton, Carroll R.

Grand Rapids

Rozema, C. E.
Way, Elmer F.

Northville

Moerke, Georgine A.

Saginaw

Lindfors, K. R.

MINNESOTA

Minneapolis

LaCraft, Dail C.
Miller, Sidney E.
Smith, Lee Irvin

MISSOURI

Columbia

White, Mollie G.

Fayette

Gordon, Neil E.

Rolla

Monroe, C. J.

St. Louis

Cotton, William J.
Doisy, E. A.
Kopecky, Ferdinand F. E.
Pastene, A. J.

MONTANA

Bozeman

Burke, Edmund, Sr.

Wayne

Wendt, Louise M.

NEVADA

Midas

Stoddard, Carl Kerby

Reno

Adams, Wayne B.
Dinsmore, Sanford C.
Harris, Cecil K.
Miller, Meredith R.
Randall, Edward L.

NEW HAMPSHIRE

Berlin

Webber, Robert Alfred

Exeter

Segerblom, Wilhelm

Portsmouth

Endres, Herbert A.

Tilton

Crawford, John W.

NEW JERSEY

Bayonne

Chelius, Hannah E.
Dodge, F. D.
Schott, John E.
Tyler, Walter S., Jr.
Waters, Charles E.

Bergen

Goldin, Abraham S.

Bloomfield

Allen, Ivey, Jr.
Bender, Howard L.
Brock, Frank P.
Butler, William H.
Casselman, Ralph T.
Catlow, William R., Jr.
Coe, John M.
Courtney, Robert P.
Gesell, W. H.
Hanson, Ernest R.
Hemperly, William F.
Hoffman, Harry A.
Klarmann, Emil
McCullough, Kenneth V.
Meharg, Virgil E.
Moore, Robert J.

Pettit, Alfred, Jr.
Rankin, Lanning P.
Redman, Lawrence V.
Riley, Horace E.
Roughead, William G.
Schrimpe, Conrad F.
Shuey, Ralph C.
Skow, Norman A.
Turkington, Victor H.
Wakefield, Harold F.
Weith, Archie J.
Whiting, L. R.

Bound Brook

Adams, Frederic H.
Ahlbeck, Harry W.
Amick, Chester Albert
Anderson, R. S.
Auer, E. Everett
Bacon, Raymond Charles
Benbrook, Charles H.
Brewer, W. O.
Brown, James
Conn, Robert C.
Crossley, M. L.
Dolt, Maurice L.
Foote, Wilfred J.
Gale, Shirley Irving
Hill, Alfred G.
Hultquist, Martin E.
Kienle, Roy H.
Kline, Harry
Klipstein, Kenneth H.
Lacey, H. T.
Laury, N. A.
Lindenthal, Walter H.
Linville, Clarence P.
Lombardo, Joseph B.
Mader, William J.
Medcalf, Eugene C.
Merz, August
Molinari, Vittorio
Munro, Wendell P.
Northey, E. H.
Norton, A. R.
Peiker, Alfred L.
Perry, Leslie L.
Pfeiffer, Burton L.
Royer, George L.
Scalera, Mario
Seaman, William
Shive, Roy A.
Smyth, Glen M.
Spencer, C. A.
Tchorni, David L.
Ticknor, Arthur A.
Weelands, J. E.
West, Byron L.
Whiting, Stanley H.
Wilder, Frank W.
Wintringham, Andrews C.
Woodson, D. P., Jr.

Burlington

Lontz, John F.

Camden

Berggren, Ruth E. L.
Haines, Edward C.
Markovits, Theodore

Carlton Hill

Wood, P. J.

Dover

Aaronson, Henry A.
Allison, Vernon C.
Dunkle, Cyrus G.
Rinkenbach, William H.

East Orange

Davoll, D. L.

East Rutherford

Kirschbraun, L.

Edgewater

Lang, Louis
Reeve, Charles S.

Elizabeth

Lange, Alfred R.
Roon, Leo
Williams, Arthur S.

Fanwood

Nelson, Henry H.

Garfield

Thuor, Louis
Reynolds, Blythe M.

Gibbstown

Filbert, William F.

Gloucester
Nonamaker, Frederick C.

Harrison
Briod, André E.
Davis, Lloyd W.
Hale, D. R.
Licata, Francis J.
Price, Donald
Robinson, Edwin A.
Steik, Karl T.
Wechsler, Ralph
Wolfson, Jacob

Hasbrouck Heights
Sohon, M. D.

High Bridge
Jones, Judson W.

Hillside
Whelan, Isabel R.

Jersey City
Eldred, Frank R.
Hohman, Arthur J.
Ittner, Martin H.
Jeffs, Bernard
Orelup, John W.
Tanner, W. Lee
Teeters, Wilbur O.

Kearny
Bonney, Robert D.
Meredith, Howard J.

Lincoln
Northcutt, Robert T.

Linden
Cheney, Lowther B.
Porter, J. M.
Rochow, Theodore G.
Stickle, F. J.
Wright, William

Lodi
Schmeidler, Robert

Lyndhurst
Kosches, Norris R.

Manasquan
Hartwig, Carl E.

Manville
Badollet, Marion S.
Cummins, Arthur B.
Plauka, John W.
Vieweg, Hermann F.

Maurer
Smith, Preston R.

Montclair
Crane, Frederick D.
Ellis, Carleton
Keegan, Wilbur Vincent

Newark
Allen, Edward R.
Arrowsmith, Clarence J.
Doubleday, Ralph S.
Edel, Albert E.
Ehrlich, J.
Eisenman, Herschel I.
Entner, Bernard J.
Fishkind, David
Fletcher, Robert J.
Fosbinder, Russel J.
Freundlich, Leo
Giesy, Paul M.
Goldstein, Jacob C.
Hartmann, Alfred E.
Jenness, Leslie G.
Lawellin, Samuel J.
Lichtin, James J.
Little, Ernest
Mandel, Hyman J.
McKim, Walter A.
Meier, Frank A.
Merkle, George E.
Parks, Harold C.
Rattiner, A. Alan
Rauh, Robert E.
Saphier, Julian
Smith, Richard C.
Turno, Irene A.
Walsh, Thomas J.
Weber, M. G.

New Brunswick
Cottle, D. L.
Enteman, Charles E., Jr.
Ginsburg, Joseph M.
Read, William Thornton
Rieman, William, 3rd
Rudolfs, Willem
Uncles, Robert F.
Van der Meulen, Peter A.

Nutley
Simons, Francis L.

Parlin
Hillman, William P., Jr.
Pitman, Earle C.
Sease, Virgil B.
Wing, Henry J.

Passaic
Belcher, Thomas L.
Gibbons, Willis A.
Kelly, Regina

Paterson
Boustead, John
Shafer, Lincoln M.

Paulsboro
Francis, Alfred W.

Penns Grove
Kirk, William

Perth Amboy
D'Eustachio, Gabriel
Sayre, Ralph

Phillipsburg
Marsiglio, E. F.

Plainfield
Gurinsky, David
Pollock, Abraham A.

Princeton
Furman, N. H.
Jones, Lauder W.

Rahway
Quinn, Edmond John
Rosin, Joseph

Ridgefield
Lusskin, Abraham

Sewaren
Derick, C. G.

South Amboy
Nelson, Walter K.
Plechner, Walter William

Summit
Leonard, Clifford Shattuck

Teaneck
Herr, Harold H.
Kroner, Albert J.
Rohrs, Frank A.

Trenton
Becher, Hubert L.
Burgess, Kenneth E.
Koenig, Walter J.
Troxel, Shirley M.
Worley, Robert A.

Union City
Kurtz, Jacob

Upper Montclair
McLachlan, Robert W.
Reed, Rufus D.

Westfield
Helfrich, John

Woodbridge
Cavallito, Chester J.

NEW MEXICO

Albuquerque
Clark, John D.

Socorro
Smithson, Frederick C. M.

NEW YORK

Albany
Bronson, Barnard S.

Ashokan
Friedman, Samuel

Bainbridge
Supplee, G. C.

Beacon
Barnett, Robert Spencer

Beckersville
Beckers, William G.

Binghamton
Danald, George E.

Brooklyn

Anderson, Roy B.
Anthes, John F.
Bayer, Alfred R.
Bivins, Franklin H.
Brierley, John R.
Cole, Everitt J.
Dargan, W. H.
De Phillips, Henry N. A.
Diamond, Jack
Dowzard, Edwin
Dunning, Preston M.
Engelhardt, Carl L.
Evans, Raymond N.
Everett, Ralph H.
Fellows, Albert T.
Flaumenhaft, Irving
Fredrickson, James A.
Gardner, William Howlett
Gilbert, Henry I.
Goodman, Leo A.
Gordon, A.
Grunbaum, Max
Haight, Margaret
Hale, Frank E.
Hale, William L.
Hart, David
Henderson, James S.
Howard, Leo
Kadishowitz, Milton
Kipness, Sol
Kirk, Raymond E.
Kranich, Herbert
Ligoure, Joseph T.
Livingston, Ernest
Mattiello, Joseph
Meyer, Martin
Muer, Henry F.
Neidle, Marks
Porcelli, Lucy T.
Pratt, Malcolm F.
Quam, George N.
Rambo, J. C.
Revukas, Anthony J.
Rogers, Allen
Rose, Carlton H.
Russo, Michael
Saul, Everett Louis
Schachtmeister, Sidney
Schenberg, Samuel
Sharefkin, Jacob G.
Singer, David E.
Smith, G. B. L.
Smith, Nathan
Snell, Chester A.
Snell, Foster Dee
Spitaleri, Frank
Uhlig, Edward C.
Vesce, Vincent C.

Buffalo

Allmuth, Frank S.
Cartledge, G. H.
Fiero, George W.
Flentge, Arthur C.
Flueckinger, Arthur F.
Hafner, Fred H.
Hall, Albert L.
Handy, John A.
Herrett, Wilbert A.
Hodge, Hugh B., Jr.
Hyden, W. L.
Lauer, Luther M.
Milne, Theodore R.
Monvid-Jerzykowicz, George
Moser, Frank H.
Perkins, Robert L.
Post, Howard W.
Rampino, Louis A.
Sheridan, Richard Brinsley
Sheridan, William R.
Sievenpiper, Frederic L. R.
Smith, Charles Frederick, Jr.
Smith, William Alvah
Swartout, John M.
Swisher, Margaret C.

Corona

Kinstler, Milton C.

Elmira

Schwenkler, Anthony

Forest Hills

Butterfield, E. E.

Flushing
Krauss, Victor P.
Whittaker, Roland M.

Geneva
Pearce, George W.

Hamilton
French, Sidney J.

Hastings-on-the-Hudson
Zinsser, Frederick G.

Hewlett
Kenney, Frederick

Houghton
Burnell, Dorah L.

Ithaca
Geer, William C.
Looker, C. D.
Pfund, Marion C.

Jamaica
Merminod, Gaston G.

Keuka Park
Lougee, F. Marion

Little Neck, L. I.
Murphy, Walter J.

Lockport
Lawton, L. M.

Long Island City
Allen, Austin O.
Chalk, James M.
Dreyfus, William
Heiser, Thomas G.
Horsey, Robert E.
Howe, Kenneth J.
Kohn, Oscar
Lauffer, Paul G. I.
Manwaring, Frederick G.
Miller, Gustave M.
Rosenblum, Israel
Schleicher, F. Grant von M.
Soff, LeRoy D.

Maspeth
Lawler, William P.

Mariners Harbor
Meister, Heinrich

New Rochelle
Johnson, Edward S.

New York City
Alexander, Jerome
Apfelbaum, Percy Max
Appleton, Lewis
Ashbrook, Donald S.
Aycock, Lemuel M.
Bacon, Charles V.
Bacon, Nicholas
Baëza, W. J.
Baker, Ross A.
Barlan, Charles
Barsky, George
Baumann, Emil J.
Bennett, Harry
Berolzheimer, D. D.
Bhagwat, M. R.
Blackhall, Walter L.
Bogert, Marston Taylor
Boorstein, Jacob W.
Brescia, Frank
Breyer, Frank G.
Brogan, Frank J.
Brooks, Benjamin T.
Bryant, George O.
Burrell, George A.
Burtsell, Aubison Tuthill
Cameron, Walter S.
Carpenter, Clifford D.
Catherman, Clair Cecil
Chalkley, Lyman
Charlton, Harry W.
Church, Sumner R.
Clarke, Beverly L.
Clarke, Hans T.
Cohen, Louis
Cortese, Frank
Cummings, Samuel N.
Davidson, Emil
Davis, Thomas L.
Dean, Ernest W.
De Carlo, Peter A.
Deller, Anthony W.
Diefenbach, William T.
Dolin, Benjamin Henry T.
Douglas-S., Albrecht A.
Downs, Charles R.

Drogin, Isaac
Dubin, H. E.
Durham, E. J.
Eckhardt, Henry, Jr.
Eddy, Walter H.
Egan, Edward G.
Ekroth, Clarence V.
Elinson, Israel J.
Epstein, Max
Evans, Ralph L.
Falk, K. George
Feinberg, Benjamin G.
Finnegan, Thomas J.
Fisher, Henry
Florsheim, Siegfried
Frascati, A. T.
Freedman, Ephraim
Freedman, Louis
Freeland, E. C.
Frey, Charles N.
Frezza, Herman
Friedman, Aaron
Friedman, Joseph S.
Friedman, Maurice
Fries, Harold H.
Gates, Julius J.
Goldwater, William R.
Gordon, Benedict
Gordon, Robert
Gottsch, Frank
Granger, Frederic S.
Gray, Philip P.
Greenberg, Abraham S.
Greenberg, Irving W.
Greenstein, Leon
Greiff, Lotti J.
Grodman, Benjamin
Grosvenor, William M.
Grothues, Carl
Haggerty, Cecil J.
Hamlin, Marston L.
Harold, Joseph F. X.
Hart, Ralph
Hawk, Philip B.
Hermann, S. M.
Hershfield, Harry
Herstein, Karl M.
Hessel, Frederick A.
Hill, Arthur E.
Hirsch, President
Hochstadter, Irving
Hoke, Calm M.
Holland, Charles J.
Hubbard, W. S.
Hubbell, John P.
Jackson, Daniel D.
Jackson, David H.
Jaffe, Leon
Janer, Benjamin
Jay, Jacob
Jehle, Joseph Francis
Johns, Carl O.
Johnson, Mildred A.
Jones, Paul H.
Kirby, George William
Knight, B. H.
Knowland, Daniel P.
Knowles, Chester L.
Koffler, Joseph
Kokatnur, Vaman R.
Krasnow, Frances
Landau, Samuel
Landolt, P. E.
Lawrence, W. Stanley
Lee, Alan Porter
Lee, Ralph E.
Lenihan, Patrick J.
Levinson, Sydney B.
Lewis, George Arthur
Light, Robert F.
Lindwall, Harry G.
Linz, Arthur
Lipton, William J.
Lotz, Paul L.
Lowenstein, Gabriel A.
Luchins, M. M.
Lukash, John G.
Lurie, William
Mackenzie, K. G.
Maisner, Herman
Malisoff, W. M.
Margolin, Mordecai
Margolis, Morris

Marlies, Charles A.
Matthews, Frederick Lawrence, Jr.
McClure, Harry B.
Meigs, Joseph V.
Meiklejohn, R. M.
Meltsner, M.
Miller, Isador
Minrath, William R.
Molnar, Nicholas M.
Moody, Herbert R.
Moore, Walter J.
Morgan, Charles E.
Morgan, David P.
Muhs, Edward J.
Neiman, Howard S.
Newman, Harry T.
Newmark, Samuel
Odell, John S.
Opolonick, Nicholas
Oser, Bernard L.
Oser, Mona
Padlon, Joseph F.
Paley, Charles
Paul, Ira
Peltz, Benjamin
Phair, Robert A.
Phelps, Howard S.
Phillips, G. W. Macpherson
Pinnock, D. R.
Pollak, Irving D.
Powders, John A.
Pozen, Morris A.
Prager, William L.
Putt, Earl B.
Rand, Charles L.
Randall, James W. H.
Reid, E. W.
Revson, Raphael Frank
Rice, Whitman
Richardson, Alan H.
Robson, Arthur D.
Rolland, Mary A.
Rolle, Clifford J.
Romans, Isabelle B.
Ross, Jere K.
Saarbach, Ludwig
Sachs, Dewitt D.
Sanderson, John McE.
Schad, Frank M.
Schlichting, Emil
Schneider, George
Schneider, Solomon D.
Schoeppler, Charles M., Jr.
Schwartz, Israel
Schwarz, Maurice W.
Schwarz, Robert
Scott, Austin A.
Sluhan, Clyde A.
Smoley, Eugene R.
Smoot, Albert M.
Stammelman, M. J.
Stone, Irwin
Stoner, Raoul J.
Sulzberger, Nathan
Szymanowitz, Raymond
Taylor, A. Lloyd
Taylor, Harden Franklin
Thews, Karl B.
Toch, Maximilian
Trevithick, H. P.
Turner, W. D.
Utkovitz, Nathan
Van Doren, Lloyd
Verbyla, A. E.
Wade, Worth
Wagreich, Harry
Wait, Justin F.
Wall, Florence E.
Wallerstein, James S.
Weaver, F. F.
Weber, Frederick L.
Weisberg, Louis
Weiss, John Morris
Wendt, Gerald
Whitaker, M. C.
Wickenden, Leonard
Wiegand, William B.
Wilkins, Richard A.
Wilson, George W.
Winship, William W.
Wishnick, Robert I.
Witte, Paul John
Wright, Thomas A.

Young, Joseph H.
Zerban, Frederick W.
Zons, Frederick W.

Niagara Falls

Benner, Raymond C.
Bramann, George M.
Burwell, Arthur Warner
Camelford, J. Allan
Easter, G. J.
Hawes, William W.
Koch, Wilmer H.
Koethen, Frederick L.
Lynch, Joseph H.
Mack, Darrel E.
Taylor, Maurice O.
Vaughn, Thomas H.

North Tonawanda

Hall, Sydney H.
Rasch, Carl H.
Seubert, John E.
Shepard, Alvin F.

Port Ivory, S. I.

Egan, James E.

Potsdam

Cunningham, Geoffrey E.

Poughkeepsie

Sague, Mary Landon

Rensselaer

Corbitt, Hugh B.
Metz, Gustave P.

Rochester

Halliday, Nellie

Rosebank, S. I.

Thomasset, Paul A.
Wilcox, David Henry, Jr.

St. Bonaventure

Tormey, Harold J.

Saranac Lake

Browne, Harold H.

Schenectady

Coolidge, William D.

Staten Island

Davidheiser, Lee
Iddings, Carl

Suffern

Steffens, John A.

Syracuse

Bardwell, Dwight C.
Eichelberger, William C.

Tuckahoe

Buck, Johannes S.
Cook, Charles A.

Watertown

Helin, Arthur F.

Watervliet

Norton, John T., Jr.

NORTH CAROLINA

Charlotte

Crosson, Leo H.
Graham, Minnie A.

Durham

Bigelow, Lucius A.
Hill, Douglas G.

Greensboro

Rantzman, Eli

High Point

Mourane, J. H.

Raleigh

Grimshaw, Albert H.
Wilson, Arthur John
Winston, Lula Gaines

Wake Forest

Black, Charles S.
Isbell, Nevill

Winston-Salem

Elmore, Lonnie Clifton

NORTH DAKOTA

Grand Forks

Abbott, George A.
Lavine, Irvin

Jamestown

Hart, H. B.

OHIO

Akron

Carpenter, Arthur W.
Clough, Lyle A.
Coats, Harry P.
Cook, Walter A.
Cool, Raymond D.
Dinsmore, Ray P.
Doede, Clinton M.

Doering, Justus Harvey
Dunbrook, Raymond F.
Gray, Harold
Greenup, Harold Wilson
Humphrey, Bingham J.
Palmer, Henry F.
Street, John N.

Barberton

Muskat, Irving E.

Canton

Green, Leila S.

Chillicothe

Traquair, John

Cincinnati

Andress, Frank J.
Arenson, Saul B.
Chinery, Frank L.
Mendelsohn, Simon

Cleveland

Bezzenberger, F. K.
Cross, Robert J.
Currie, Lauchlin M.
Dorcas, Merrill J.
Downes, A. C.
Eisenman, W. H.
Gruener, Hippolyte
Helm, E. B.
Lange, Norbert Adolph
Mutersbaugh, Gordon H.
Sawyer, George B.

Columbus

Bole, G. A.
Smith, Clayton Sidney
White, W. C. O.

Dayton

Hochwalt, Carroll A.
Kessler, E. H.
Kittredge, Harvey G.
Purdy, John M.
Thomas, Charles Allen
Trusler, Ralf B.
Wohlleben, William J.

Dover

Gordy, Edward L.

Oxford

Brill, H. C.

Painesville

Munn, Lottie E.

Yellow Springs

Hammond, W. A.

OKLAHOMA

Oklahoma City

Everett, M. R.
Lomanitz, S.

Ponca City

Davis, Lloyd L.

Tulsa

Born, Sidney
Kaufmann, Ralph J.

PENNSYLVANIA

Aspers

Grab, E. G.

Bloomsburg

Snyder, Roy D.

Bridgeville

Daniels, Lloyd C.

Bryn Mawr

Horn, David Wilbur

Carlisle

Vuilleumier, Ernest A.

Easton

Ayers, Joseph W.
Bishop, Howard B.

Glenolden

Daughenbaugh, Paul J.
Moore, Maurice L.

Harrisburg

McDonnell, Joseph F., Jr.

Huntingdon

Mullin, Charles E.
Rockwell, Donald M.

Jeannette

D'Amato, Hugh A.

Johnstown

Lane, Walter J.

Lancaster

Schaeffer, John A.

Latrobe

Clark, Le R. V.

Lansdowne

Harmer, Josiah P.

Marcus Hook
Andrews, Harry L., Jr.
MacElwee, Irwin R.
Wetterau, Paul C.

Meadville
Cavelti, John E.

Munhall
Silverman, Louis

Norristown
Heck, Frank G.
Heiligman, Harold A.
Seil, Gilbert E.

Palmerton
Elm, Adolf C.
Nelson, Harley A.

Philadelphia
Acaster, Horace D.
Angus, Addison C.
Atwood, Kenneth F.
Baker, Chester L.
Bancroft, George Russell
Beltz, John H.
Berry, William S.
Bertolet, Elmer C.
Blew, Michael J.
Brewer, J. Edward
Bridgeman, Walter A.
Brinton, Clement S.
Brown, William B.
Burbank, Jeanne
Butts, Donald C. A.
Cayo, Eugene F.
De Marco, Arthur P.
Edgar, D. E.
Erb, Russell C.
Gaub, John
Gerges, Wesley R.
Griffith, Ivor
Harris, Joel S.
Harrisson, Joseph W. E.
Heisler, John W.
Horn, David Wilbur
Kabnick, Stuart
Keller, Alexander George
Kofke, Harry C.
Levitt, Benjamin
Lukens, Hiram S.
MacMullen, Clinton W.
Marks, Lewis H.
McDonnell, John N.
Merzbacher, Aaron
Meyer, Fred L.
Morris, V. N.
Nash, Francis O'D.
Obold, Walter L.
Osol, Arthur
Patch, Richard H.
Perley, George A.
Proskouriakoff, Avenir
Rivise, Charles W.
Samson, Meyer
Schenker, Herbert S.
Schneider, Solomon
Stericker, William
Stoertz, Howard
Taggart, Walter T.
Tarr, Lester W.
Tice, L. F.
Trumper, Max
Tyson, Floyd T.
Vail, James G.
Vanderkleed, Charles Edwin
Windus, Wallace
Winter, Harry C.
Zoole, Leonard

Pittsburgh
Ayers, Eugene
Bass, L. W.
Berl, Ernst
Darrin, Marc
Fleck, E. M.
Flick, Fulton B.
Hamor, William A.
Hedenburg, Oscar F.
Johnson, Charles Morris
King, Charles Glen
Locke, Arthur Preston
Lowy, Alexander
Patton, Leicester
Silverman, Alexander
Smyth, Henry F., Jr.

Wallace, Earl K.
Weidlein, E. R.

Sheridan

Lewis, Henry R.

State College

Geist, H. H.
Mack, Pauline Beery
Mason, Thomas W.
Willard, Mary L.

Swarthmore

Creighton, H. Jermain

Upper Darby

Jones, Franklin D.
Newitt, Lewis D.

Washington

Bowen, C. Verne
Wright, A. H.

West Conshohocken

Connor, C. M.

Wilkes-Barre

Schuyler, William H.

Williamsport

Conklin, Albert E.
Riale, Frank H.

RHODE ISLAND

Kingston

Carleton, Ralph Kimball
Ince, J. W.

Newport

Eppley, Marion
Howard, Henry

Providence

Darbey, Albert
Kraus, Charles A.
Morgan, Willard L.
Pingree, Raymond A.

Rumford

Fiske, Augustus H.

SOUTH CAROLINA

Charleston

Kinard, Frederick William
Remington, Roe E.

Clemson College

Hunter, H. L.
Pollard, Frank

Columbia

Copenhaver, J. E.
Whitesell, W. A.

SOUTH DAKOTA

Aberdeen

Jensen, J. H.

Brookings

Long, Norman O.

TENNESSEE

Erwin

Koenig, E. W.

Jackson

Prince, A. W.

Johnson City

Huddle, Horace B.

Maryville

Griffitts, Fred A.

Sewanee

Davis, Roy B.

TEXAS

Austin

Felsing, W. A.
Harper, Henry Winston
Henze, Henry R.
Lochte, H. L.

College Station

Hedges, C. C.

Dallas

Heuse, Edward O.

Galveston

Hendrix, B. M.

Goose Creek

Thompson, Willard C.

Houston

Gray, George R.

Port Neches

Traxler, Ralph N.

Waco

Gooch, W. T.

UTAH

Salt Lake City

Latshaw, W. L.

Park City

Bradley, H. F.

VERMONT

Northfield

Howard, S. Francis

VIRGINIA

Ashland
Canter, Hall

Blacksburg
Fish, Floyd Hamilton
Hussey, Robert E.

Charlottesville
Spencer, Hugh M.
Yoe, John H.

Emory
Littleton, Leonidas R.

Fredericksburg
Cornwell, Ralph T. K.

Hollins
Fillinger, Harriett H.

Hopewell
Fazel, Charles S.

Lynchburg
Crabill, Allen K.

Richmond
Hanmer, H. Rupert
Harlan, W. R.
McCrackan, Robert F.

Staunton
Trout, William E., Jr.

University
Bird, R. M.
McGinn, Charles E., Jr.

West Point
Dumit, Michael J.

WASHINGTON

Pullman
Cole, Harry L.

Seattle
Banks, H. P.
Clark, Ernest D.
Con'é, Samuel Henri
Johnson, Charles W.
Pickens, Russell M.

Tacoma
Henry, G. F.

WEST VIRGINIA

Charleston
Beekley, John S.

Morgantown
Clark, Friend E.

Salem
Gould, Arthur B.

WISCONSIN

Appleton
Darling, S. F.

Madison
Domogalla, B. P.
Elvehjem, Conrad A.
Nichols, M. Starr
Steenbock, Harry
Wakeman, Nellie

Milwaukee
Hindley, Robert W.
Snyder, Andrew J.

Racine
McLaughlin, George D.
Steinle, J. Vernon

Ripon
Barker, A. L.

South Milwaukee
Wuertz, Alexander J.

WYOMING

Casper
Diggs, S. H.

Laramie
Beath, O. A.

FOREIGN

Rio de Janeiro, Brazil
Holdt, Charles

Shanghai, China
Schmitz, Gunther H.

Sumatra, East Indies
Ten Broeck, Walter T. L.

Twickenham, England
Cofman, Victor

Chemist Advisory Council, Inc.

to continue the work of

Committee on Unemployment and Relief

for

Chemists and Chemical Engineers

300 MADISON AVENUE NEW YORK CITY

BOARD OF DIRECTORS FOR 1938

ROBERT T. BALDWIN
MARSTON T. BOGERT
FRANK G. BREYER
WILLIAM W. BUFFUM
WALTER S. LANDIS
GEORGE C. LEWIS
WILLIAM T. READ
MAXIMILIAN TOCH
EDWARD R. WEIDLEIN

OFFICERS FOR 1938

WALTER S. LANDIS, *President*
WILLIAM T. READ, *Vice-President*
M. R. BHAGWAT, *Secretary*
ROBERT T. BALDWIN, *Treasurer*

Decimal Points In Action

Automobile engine cylinder walls so highly polished that the deepest variation is measured in millionths of an inch . . . ball bearings trued to within six decimal places of perfection . . . crankshafts, valves, piston rings, machined to almost unbelievable accuracy! All of this is common practice in the building of today's motor cars.

Behind such amazing mechanical skill there is the romantic story of the development of special metals and alloys. Before engineers could design engines to run as quietly and smoothly as those in modern American cars, it was necessary that they have the proper materials with which to work. These materials were not developed overnight. Metallurgists, chemists and engineers labored long and arduously to produce tough, hard steels and alloys which *can* be machined with proper accuracy . . . which *do* withstand the gruelling punishment an American automobile engine undergoes.

Making sure every batch of metal meets specifications requires accurate reagents for testing. B & A Reagent Chemicals meet the high testing standards of American industrial laboratories. These reagents are outstanding for consistent quality and for their conformance to specifications as they appear on the Baker & Adamson product label.

FINE CHEMICALS AND LABORATORY REAGENTS

SETTING THE PACE IN CHEMICAL PURITY SINCE 1882

BAKER & ADAMSON *Reagent Chemicals* AND *C.P. Acids*

Division of GENERAL CHEMICAL COMPANY, 40 Rector St., New York

ATLANTA • BALTIMORE • BOSTON • BUFFALO • CHARLOTTE • CHICAGO • CLEVELAND • DENVER • KANSAS CITY
LOS ANGELES • MINNEAPOLIS • PHILADELPHIA • PITTSBURGH • PROVIDENCE • SAN FRANCISCO • ST. LOUIS

THE C. G. BRAXMAR CO., Inc.

242 WEST 55TH STREET NEW YORK CITY

Official Jewelers For The American Institute of Chemists

Emblems Illustrated Are Actual Size

PINS, BUTTONS AND CHARMS CARRIED IN STOCK IN QUALITIES LISTED

KEYS		BUTTONS (Plated posts & backs)		PINS	
14k.	gold — $8.50	14k.	gold — $2.75	14k.	gold — $3.25
10k.	" — 7.00	10k.	" — 2.25	10k.	" — 2.75
Rolled	" — 1.50	Rolled	" — .75	Rolled	" — .75
Bronze	" — 1.15				

THE CHEMIST

THE CHEMIST presents articles by leading chemists on professional subjects and on new developments in industry which have professional significance. **THE CHEMIST** offers concentrated news, book reviews, editorials by outstanding chemists.

Brief, attractive, significant, **THE CHEMIST** is a necessity to modern chemists.

THE CHEMIST
233 Broadway,
New York, N. Y.

I enclose $2.00 for one year's subscription to be sent to:

Name.....

Address.....

.....

UNDERSTANDING . . .

a simple formula that builds business

Baker Chemists *understand* the need for Laboratory Reagents that can be trusted. They know the chemists' problems — for they are chemists.

That's why every package of Baker's C. P. Analyzed Reagents bears an exact analysis on the label.

Baker Distributors know what the chemist wants in quality. They know what the chemist wants in service. Through their constant contacts, through their knowledge of each chemist's local problems, they have selected the brand that serves efficiently — Baker's C. P. Analyzed Reagents.

The Nation's Chemists know that Baker's C. P. Analyzed Reagents can be relied upon — that they save time. These chemists *understand* values. They appreciate the services rendered by the Baker Distributors.

Understanding between Chemist, Distributor and Manufacturer — that's the simple formula that builds business.

J. T. BAKER CHEMICAL CO.
Phillipsburg, New Jersey

NEW YORK 420 Lexington Ave. | PHILADELPHIA 220 South 16th St. | CHICAGO 435 N. Michigan Ave.

Specify "Baker's Analyzed"

"Baker's C. P. Analyzed" Reagents Are Sold by Representative Laboratory Supply Houses

Objectives
of the
AMERICAN INSTITUTE of CHEMISTS

To give chemists professional solidarity.

To put the profession back of a definite code of ethics.

To insist on adequate training and experience qualifications.

To educate the public to an understanding of what a chemist is.

To protect the public and the profession by fighting quackery.

To raise the economic status of chemists.

HOWARD S. NEIMAN, *Secretary*
The American Institute of Chemists
233 Broadway, New York, N. Y.

Please send me an application blank for membership in the American Institute of Chemists.

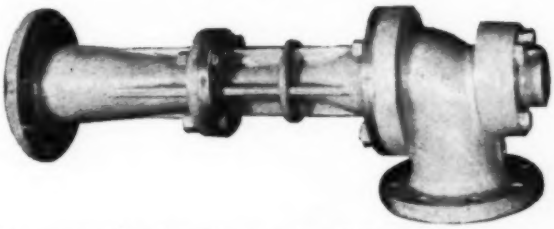
Name .....

Position .....

Address .....

City ..... State .....

Handling Two Million C.F.M. of Vapor at Vacuum Above 29".



The combined volumetric capacity of the Croll-Reynolds Steam Jet Evactors now operating is well over 2,000,000 cubic feet per minute. This huge total capacity is made up by thousands of different units all over the country and abroad. These units vary in size from 1" to 30" suction connection. The number of stages in each unit varies from one to four. In the latter case absolute pressures of one quarter of a millimeter are obtained when operating on large industrial stills handling high boiling liquids.

All Evactors are entirely free from moving parts. They require no operating attention, lubrication or maintenance expense. They are accomplishing results which are practically impossible with mechanical vacuum pumps and handling the more ordinary requirements with substantial savings in both first cost and operating costs.

The Croll-Reynolds organization has nineteen years of exceptionally broad experience in handling vacuum and condensing problems in chemical and related industries, from small pilot plants up to the largest petroleum refineries.

Literature furnished on request.

CROLL-REYNOLDS CO., INC.,
17 JOHN ST., NEW YORK

A REVIEW OF ACCOMPLISHMENT

T.M. REG. PYREX U.S. PAT. OFF.

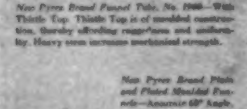
NEW ITEMS • NEW IMPROVEMENTS

NEW ACCOMPLISHMENTS IN "PYREX" LABORATORY WARE

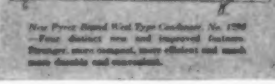
Red Pyrex Brand Impinger, No. 1900 Graduated, No. 1902 Plain—For determining dust content of or impurities in air, such as lead, silica, etc. Made in accordance with requirements of U. S. Public Health Department.

New Pyrex Brand Pipettes, No. 1999—Made in wide capacity range. Rugged construction. Balanced for ease in manipulation. Long delivery stem enables solutions to be conveniently transferred.

New Pyrex Brand Funnel Tube, No. 1900—With Thistle Top. Thistle Top is of moulded construction, thereby affording rugged form and uniformity. Heavy stem increases mechanical strength.



New Pyrex Brand Plain and Plated Moulded Funnels—Accurate 60° Angle. Greatly reduces filtering time. Moulded, smooth, uniform.



New Pyrex Brand West Type Condenser, No. 1290—Four distinct new and improved features. Stronger, more compact, more efficient and much more durable and convenient.

At the beginning of this new year, Corning Glass Works presents a review of accomplishments during the past year. It summarizes briefly for your checking, representative new items, improvements and recent developments in "Pyrex" brand Laboratory Ware. And it presents four important additions which have recently been announced—New Impinger Apparatus—New Pipettes—New Improved West Type Condensers—and a New Thistle Tube.

Each of these and other new items introduced during the past months possess definite advantages over the old. Some have exclusive new features. All contribute to better laboratory technique, accuracy, efficiency and, frequently, speed.

Achieved through Corning Research, these new items emphasize that continual quest for perfection which is characteristic of your profession and of ours. The superiority of each of these new products is such that all merit your immediate consideration and inspection.

"PYREX" *is a registered trade-mark and indicates manufacture by*
CORNING GLASS WORKS • CORNING, N. Y.

New Sizes and New Designations—In Standard Taper "Pyrex" Glassware. Full Length and Medium Length Interchangeable Ground Glass Joints; Flask, Bottle, and Stopcock Stoppers. Now practically every item of Pyrex Brand Laboratory Glassware that has a ground surface, is made to conform strictly to Standard Taper specifications, as authorized by the N.B.S. Bur. of Stds.

CORNING
Research In Glass

Send for New Catalog Supplement Describing Many New Items in "PYREX" Laboratory Glassware.

We shall be pleased to send you this new catalog supplement describing in complete detail many of the newer items in "Pyrex" Laboratory Ware. Every laboratory should have a copy. Write today or just place your name and address on the margin of this page, clip off and mail.

CORNING GLASS WORKS • CORNING, N. Y.